

Nicholas D Huntington

List of Publications by Citations

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

130
papers

9,023
citations

50
h-index

94
g-index

150
ext. papers

11,208
ext. citations

10.8
avg. IF

6.31
L-index

#	Paper	IF	Citations
130	ER stress triggers apoptosis by activating BH3-only protein Bim. <i>Cell</i> , 2007 , 129, 1337-49	56.2	1079
129	Targeting natural killer cells in cancer immunotherapy. <i>Nature Immunology</i> , 2016 , 17, 1025-36	19.1	628
128	IL-15 trans-presentation promotes human NK cell development and differentiation in vivo. <i>Journal of Experimental Medicine</i> , 2009 , 206, 25-34	16.6	407
127	Tumor immunoevasion by the conversion of effector NK cells into type 1 innate lymphoid cells. <i>Nature Immunology</i> , 2017 , 18, 1004-1015	19.1	330
126	Developmental pathways that generate natural-killer-cell diversity in mice and humans. <i>Nature Reviews Immunology</i> , 2007 , 7, 703-14	36.5	302
125	TGF- β inhibits the activation and functions of NK cells by repressing the mTOR pathway. <i>Science Signaling</i> , 2016 , 9, ra19	8.8	297
124	Lyn tyrosine kinase: accentuating the positive and the negative. <i>Immunity</i> , 2005 , 22, 9-18	32.3	230
123	NK cell maturation and peripheral homeostasis is associated with KLRG1 up-regulation. <i>Journal of Immunology</i> , 2007 , 178, 4764-70	5.3	227
122	Interleukin 15-mediated survival of natural killer cells is determined by interactions among Bim, Noxa and Mcl-1. <i>Nature Immunology</i> , 2007 , 8, 856-63	19.1	196
121	Functional subsets of mouse natural killer cells. <i>Immunological Reviews</i> , 2006 , 214, 47-55	11.3	190
120	CIS is a potent checkpoint in NK cell-mediated tumor immunity. <i>Nature Immunology</i> , 2016 , 17, 816-24	19.1	185
119	Humanized mice for modeling human infectious disease: challenges, progress, and outlook. <i>Cell Host and Microbe</i> , 2009 , 6, 5-9	23.4	182
118	Nfil3 is required for the development of all innate lymphoid cell subsets. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1733-40	16.6	169
117	Complementarity and redundancy of IL-22-producing innate lymphoid cells. <i>Nature Immunology</i> , 2016 , 17, 179-86	19.1	162
116	A2AR Adenosine Signaling Suppresses Natural Killer Cell Maturation in the Tumor Microenvironment. <i>Cancer Research</i> , 2018 , 78, 1003-1016	10.1	159
115	Tissue-resident memory CD8 T cells promote melanoma-immune equilibrium in skin. <i>Nature</i> , 2019 , 565, 366-371	50.4	149
114	The Emergence of Natural Killer Cells as a Major Target in Cancer Immunotherapy. <i>Trends in Immunology</i> , 2019 , 40, 142-158	14.4	147

113	Functional CD47/signal regulatory protein alpha (SIRP(alpha)) interaction is required for optimal human T- and natural killer- (NK) cell homeostasis in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 13224-9	11.5	145
112	The cancer-natural killer cell immunity cycle. <i>Nature Reviews Cancer</i> , 2020 , 20, 437-454	31.3	118
111	A role for Blimp1 in the transcriptional network controlling natural killer cell maturation. <i>Blood</i> , 2011 , 117, 1869-79	2.2	118
110	Innate immunodeficiency following genetic ablation of Mcl1 in natural killer cells. <i>Nature Communications</i> , 2014 , 5, 4539	17.4	113
109	Human ROR γ (+)CD34(+) cells are lineage-specified progenitors of group 3 ROR γ (+) innate lymphoid cells. <i>Immunity</i> , 2014 , 41, 988-1000	32.3	113
108	Characterization of the thymic IL-7 niche in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 1512-7	11.5	110
107	A Gene Signature Predicting Natural Killer Cell Infiltration and Improved Survival in Melanoma Patients. <i>Cancer Immunology Research</i> , 2019 , 7, 1162-1174	12.5	103
106	Inhibitors of histone acetyltransferases KAT6A/B induce senescence and arrest tumour growth. <i>Nature</i> , 2018 , 560, 253-257	50.4	103
105	Differential requirement for Nfil3 during NK cell development. <i>Journal of Immunology</i> , 2014 , 192, 2667-763	5.3	99
104	Deciphering the Innate Lymphoid Cell Transcriptional Program. <i>Cell Reports</i> , 2016 , 17, 436-447	10.6	89
103	Lymphoid tissue and plasmacytoid dendritic cells and macrophages do not share a common macrophage-dendritic cell-restricted progenitor. <i>Immunity</i> , 2014 , 41, 104-15	32.3	83
102	Different kinetics of blimp-1 induction in B cell subsets revealed by reporter gene. <i>Journal of Immunology</i> , 2007 , 178, 4104-11	5.3	79
101	The Helix-Loop-Helix Protein ID2 Governs NK Cell Fate by Tuning Their Sensitivity to Interleukin-15. <i>Immunity</i> , 2016 , 44, 103-115	32.3	78
100	DNAM-1 expression marks an alternative program of NK cell maturation. <i>Cell Reports</i> , 2015 , 11, 85-97	10.6	75
99	The unconventional expression of IL-15 and its role in NK cell homeostasis. <i>Immunology and Cell Biology</i> , 2014 , 92, 210-3	5	74
98	CD45: direct and indirect government of immune regulation. <i>Immunology Letters</i> , 2004 , 94, 167-74	4.1	73
97	Transforming growth factor- β and Notch ligands act as opposing environmental cues in regulating the plasticity of type 3 innate lymphoid cells. <i>Science Signaling</i> , 2016 , 9, ra46	8.8	68
96	The Relationship Between Intimate Partner Violence and the Use of Addictive Substances in Poor and Homeless Single Mothers. <i>Violence Against Women</i> , 2002 , 8, 785-815	2.6	68

95	Targeting Adenosine in BRAF-Mutant Melanoma Reduces Tumor Growth and Metastasis. <i>Cancer Research</i> , 2017 , 77, 4684-4696	10.1	67
94	IL-15 signaling in NK cell cancer immunotherapy. <i>Current Opinion in Immunology</i> , 2017 , 44, 1-6	7.8	66
93	A BAFF antagonist suppresses experimental autoimmune encephalomyelitis by targeting cell-mediated and humoral immune responses. <i>International Immunology</i> , 2006 , 18, 1473-85	4.9	66
92	CD45 links the B cell receptor with cell survival and is required for the persistence of germinal centers. <i>Nature Immunology</i> , 2006 , 7, 190-8	19.1	65
91	A requirement for CD45 distinguishes Ly49D-mediated cytokine and chemokine production from killing in primary natural killer cells. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1421-33	16.6	65
90	IL-15 transpresentation promotes both human T-cell reconstitution and T-cell-dependent antibody responses in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6217-22	11.5	63
89	Anti-apoptotic proteins BCL-2, MCL-1 and A1 summate collectively to maintain survival of immune cell populations both in vitro and in vivo. <i>Cell Death and Differentiation</i> , 2017 , 24, 878-888	12.7	62
88	Intimate Partner Violence in Extremely Poor Women: Longitudinal Patterns and Risk Markers. <i>Journal of Family Violence</i> , 2006 , 21, 387-399	3	60
87	A novel mouse model for stable engraftment of a human immune system and human hepatocytes. <i>PLoS ONE</i> , 2015 , 10, e0119820	3.7	59
86	Type 1 Innate Lymphoid Cell Biology: Lessons Learnt from Natural Killer Cells. <i>Frontiers in Immunology</i> , 2016 , 7, 426	8.4	58
85	Risk and protective factors for adult and child hunger among low-income housed and homeless female-headed families. <i>American Journal of Public Health</i> , 2004 , 94, 109-15	5.1	56
84	SOCS5 is expressed in primary B and T lymphoid cells but is dispensable for lymphocyte production and function. <i>Molecular and Cellular Biology</i> , 2004 , 24, 6094-103	4.8	55
83	Generation of human antigen-specific monoclonal IgM antibodies using vaccinated "human immune system" mice. <i>PLoS ONE</i> , 2010 , 5, e13137	3.7	55
82	IL-33-mediated mast cell activation promotes gastric cancer through macrophage mobilization. <i>Nature Communications</i> , 2019 , 10, 2735	17.4	53
81	Peripheral natural killer cell maturation depends on the transcription factor Aiolos. <i>EMBO Journal</i> , 2014 , 33, 2721-34	13	50
80	Nurses and Internet health information: a questionnaire survey. <i>Journal of Advanced Nursing</i> , 2008 , 61, 19-28	3.1	50
79	Development, Homeostasis, and Heterogeneity of NK Cells and ILC1. <i>Current Topics in Microbiology and Immunology</i> , 2016 , 395, 37-61	3.3	47
78	Regulation of Murine Natural Killer Cell Development. <i>Frontiers in Immunology</i> , 2017 , 8, 130	8.4	47

77	Thymic epithelial cells: the multi-tasking framework of the T cell "cradle". <i>Trends in Immunology</i> , 2009 , 30, 468-74	14.4	47
76	You Have Got a Fast CAR: Chimeric Antigen Receptor NK Cells in Cancer Therapy. <i>Cancers</i> , 2020 , 12,	6.6	45
75	Suppressor of cytokine signaling (SOCS)5 ameliorates influenza infection via inhibition of EGFR signaling. <i>ELife</i> , 2017 , 6,	8.9	45
74	Targeting cytokine signaling checkpoint CIS activates NK cells to protect from tumor initiation and metastasis. <i>Oncotmunology</i> , 2017 , 6, e1267892	7.2	44
73	Crosstalk Between Gut Microbiota and Innate Immunity and Its Implication in Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2020 , 11, 282	8.4	42
72	Adaptation in Homeless Children: An Empirical Examination Using Cluster Analysis. <i>American Behavioral Scientist</i> , 2008 , 51, 737-755	1.8	42
71	IMiDs prime myeloma cells for daratumumab-mediated cytotoxicity through loss of Ikaros and Aiolos. <i>Blood</i> , 2018 , 132, 2166-2178	2.2	42
70	Cell cycle progression dictates the requirement for BCL2 in natural killer cell survival. <i>Journal of Experimental Medicine</i> , 2017 , 214, 491-510	16.6	40
69	Therapeutic blockade of activin-A improves NK cell function and antitumor immunity. <i>Science Signaling</i> , 2019 , 12,	8.8	33
68	Developing and implementing a comprehensive approach to serving women with co-occurring disorders and histories of trauma. <i>Journal of Community Psychology</i> , 2005 , 33, 395-410	2.2	33
67	Bone marrow transplantation generates T cell-dependent control of myeloma in mice. <i>Journal of Clinical Investigation</i> , 2019 , 129, 106-121	15.9	33
66	Cutting Edge: a thymocyte-thymic epithelial cell cross-talk dynamically regulates intrathymic IL-7 expression in vivo. <i>Journal of Immunology</i> , 2010 , 184, 5949-53	5.3	32
65	PU.1 cooperates with IRF4 and IRF8 to suppress pre-B-cell leukemia. <i>Leukemia</i> , 2016 , 30, 1375-87	10.7	31
64	A crucial role for the homeodomain transcription factor Hhex in lymphopoiesis. <i>Blood</i> , 2015 , 125, 803-142.2	2.2	30
63	The life and death of immune cell types: the role of BCL-2 anti-apoptotic molecules. <i>Immunology and Cell Biology</i> , 2017 , 95, 870-877	5	28
62	Regulation of murine natural killer cell commitment. <i>Frontiers in Immunology</i> , 2013 , 4, 14	8.4	27
61	NK cell-derived GM-CSF potentiates inflammatory arthritis and is negatively regulated by CIS. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	25
60	Harnessing Natural Killer Immunity in Metastatic SCLC. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 1507-1528.9	8.9	23

59	Context-Dependent Role for T-bet in T Follicular Helper Differentiation and Germinal Center Function following Viral Infection. <i>Cell Reports</i> , 2019 , 28, 1758-1772.e4	10.6	23
58	Impact of Tumor and Immunological Heterogeneity on the Anti-Cancer Immune Response. <i>Cancers</i> , 2019 , 11,	6.6	22
57	The magnitude and encephalogenic potential of autoimmune response to MOG is enhanced in MOG deficient mice. <i>Journal of Autoimmunity</i> , 2003 , 21, 339-51	15.5	22
56	Development and implementation of a multisite evaluation for the Women, Co-Occurring Disorders and Violence Study. <i>Journal of Community Psychology</i> , 2005 , 33, 411-427	2.2	22
55	GVHD prevents NK-cell-dependent leukemia and virus-specific innate immunity. <i>Blood</i> , 2017 , 129, 630-642	21	
54	Innate lymphoid cells: parallel checkpoints and coordinate interactions with T cells. <i>Current Opinion in Immunology</i> , 2016 , 38, 86-93	7.8	21
53	Consumer perceptions of integrated trauma-informed services among women with co-occurring disorders. <i>Journal of Behavioral Health Services and Research</i> , 2008 , 35, 71-90	1.7	20
52	Rapid Inflammation in Mice Lacking Both SOCS1 and SOCS3 in Hematopoietic Cells. <i>PLoS ONE</i> , 2016 , 11, e0162111	3.7	19
51	GM-CSF Quantity Has a Selective Effect on Granulocytic vs. Monocytic Myeloid Development and Function. <i>Frontiers in Immunology</i> , 2018 , 9, 1922	8.4	19
50	Loss of the pro-apoptotic BH3-only Bcl-2 family member Bim sustains B lymphopoiesis in the absence of IL-7. <i>International Immunology</i> , 2009 , 21, 715-25	4.9	17
49	Lyn-dependent signaling regulates the innate immune response by controlling dendritic cell activation of NK cells. <i>Journal of Immunology</i> , 2012 , 188, 5094-105	5.3	17
48	Innate Allorecognition Results in Rapid Accumulation of Monocyte-Derived Dendritic Cells. <i>Journal of Immunology</i> , 2016 , 197, 2000-8	5.3	17
47	PU.1 Is Required for the Developmental Progression of Multipotent Progenitors to Common Lymphoid Progenitors. <i>Frontiers in Immunology</i> , 2018 , 9, 1264	8.4	16
46	Autonomous and extrinsic regulation of thymopoiesis in human immune system (HIS) mice. <i>European Journal of Immunology</i> , 2011 , 41, 2883-93	6.1	16
45	Rapid loss of group 1 innate lymphoid cells during blood stage infection. <i>Clinical and Translational Immunology</i> , 2018 , 7, e1003	6.8	15
44	Molecular insight into targeting the NK cell immune response to cancer. <i>Immunology and Cell Biology</i> , 2018 , 96, 477-484	5	15
43	Ectopic expression of murine CD47 minimizes macrophage rejection of human hepatocyte xenografts in immunodeficient mice. <i>Hepatology</i> , 2012 , 56, 1479-88	11.2	15
42	CpG inhibits pro-B cell expansion through a cathepsin B-dependent mechanism. <i>Journal of Immunology</i> , 2010 , 184, 5678-85	5.3	14

41	Phosphatidylinositol-3 kinase activity in B cells is negatively regulated by Lyn tyrosine kinase. <i>Immunology and Cell Biology</i> , 2012 , 90, 903-11	5	14
40	Efficient genome editing of human natural killer cells by CRISPR RNP		14
39	Discrete tissue microenvironments instruct diversity in resident memory T cell function and plasticity. <i>Nature Immunology</i> , 2021 , 22, 1140-1151	19.1	14
38	Transforming growth factor- β -regulated mTOR activity preserves cellular metabolism to maintain long-term T cell responses in chronic infection. <i>Immunity</i> , 2021 , 54, 1698-1714.e5	32.3	13
37	NK Cell Priming From Endogenous Homeostatic Signals Is Modulated by CIS. <i>Frontiers in Immunology</i> , 2020 , 11, 75	8.4	12
36	Humanized immune system (HIS) mice as a tool to study human NK cell development. <i>Current Topics in Microbiology and Immunology</i> , 2008 , 324, 109-24	3.3	12
35	Natural-Killer-like B Cells Display the Phenotypic and Functional Characteristics of Conventional B Cells. <i>Immunity</i> , 2017 , 47, 199-200	32.3	11
34	Mesenchymal stromal cell apoptosis is required for their therapeutic function. <i>Nature Communications</i> , 2021 , 12, 6495	17.4	11
33	CD19 differentially regulates BCR signalling through the recruitment of PI3K. <i>Autoimmunity</i> , 2014 , 47, 430-7	3	10
32	Cord Blood CD8 T Cells Have a Natural Propensity to Express IL-4 in a Fatty Acid Metabolism and Caspase Activation-Dependent Manner. <i>Frontiers in Immunology</i> , 2018 , 9, 879	8.4	8
31	Cytotoxic T Lymphocytes and Natural Killer Cells 2019 , 247-259.e1		8
30	Granzyme M has a critical role in providing innate immune protection in ulcerative colitis. <i>Cell Death and Disease</i> , 2016 , 7, e2302	9.8	8
29	Recipient BCL2 inhibition and NK cell ablation form part of a reduced intensity conditioning regime that improves allo-bone marrow transplantation outcomes. <i>Cell Death and Differentiation</i> , 2019 , 26, 1516-1530	12.7	8
28	MAIT cells regulate NK cell-mediated tumor immunity. <i>Nature Communications</i> , 2021 , 12, 4746	17.4	8
27	Drug target validation in primary human natural killer cells using CRISPR RNP. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 1397-1408	6.5	7
26	Single-cell analyses reveal the clonal and molecular aetiology of Flt3L-induced emergency dendritic cell development. <i>Nature Cell Biology</i> , 2021 , 23, 219-231	23.4	7
25	A point mutation in the signal peptide impairs the development of innate lymphoid cell subsets. <i>Oncolmmunology</i> , 2018 , 7, e1475875	7.2	7
24	Quantifying NK cell growth and survival changes in response to cytokines and regulatory checkpoint blockade helps identify optimal culture and expansion conditions. <i>Journal of Leukocyte Biology</i> , 2019 , 105, 1341-1354	6.5	5

23	New Labour: New Christian Democracy?. <i>Political Quarterly</i> , 2002 , 73, 44-50	1.8	5
22	The Antitumor Effect of Heparin is not Mediated by Direct NK Cell Activation. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
21	BCL-XL antagonism selectively reduces neutrophil life span within inflamed tissues without causing neutropenia. <i>Blood Advances</i> , 2021 , 5, 2550-2562	7.8	4
20	miR17~92 restrains pro-apoptotic BIM to ensure survival of haematopoietic stem and progenitor cells. <i>Cell Death and Differentiation</i> , 2020 , 27, 1475-1488	12.7	4
19	Identification of Novel Human NK Cell Progenitor Subsets. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	3
18	The Ratio of Exhausted to Resident Infiltrating Lymphocytes Is Prognostic for Colorectal Cancer Patient Outcome. <i>Cancer Immunology Research</i> , 2021 , 9, 1125-1140	12.5	3
17	A radio-resistant perforin-expressing lymphoid population controls allogeneic T cell engraftment, activation, and onset of graft-versus-host disease in mice. <i>Biology of Blood and Marrow Transplantation</i> , 2015 , 21, 242-9	4.7	2
16	Hhex regulates murine lymphoid progenitor survival independently of Stat5 and Cdkn2a. <i>European Journal of Immunology</i> , 2020 , 50, 959-971	6.1	2
15	A new checkpoint for Natural Killer cell activation. <i>Immunology and Cell Biology</i> , 2018 , 96, 5-7	5	2
14	Chronicle of a death foretold: The Green Party of Aotearoa New Zealand and the 2017 election. <i>Environmental Politics</i> , 2018 , 27, 373-378	3.8	2
13	Dissecting Human NK Cell Development and Differentiation 2010 , 39-61		2
12	A natural killer cell gene signature predicts melanoma patient survival		2
11	Inhibitor of Differentiation 4 (ID4) represses mammary myoepithelial differentiation via inhibition of HEB. <i>iScience</i> , 2021 , 24, 102072	6.1	2
10	Targeting of TP53-independent cell cycle checkpoints overcomes FOLFOX resistance in Metastatic Colorectal Cancer		2
9	Generation of novel Id2 and E2-2, E2A and HEB antibodies reveals novel Id2 binding partners and species-specific expression of E-proteins in NK cells. <i>Molecular Immunology</i> , 2019 , 115, 56-63	4.3	1
8	The ratio of exhausted to resident infiltrating lymphocytes is prognostic for colorectal cancer patient outcome		1
7	Hhex Directly Represses BIM-Dependent Apoptosis to Promote NK Cell Development and Maintenance. <i>Cell Reports</i> , 2020 , 33, 108285	10.6	1
6	Targeting CISH enhances natural cytotoxicity receptor signaling and reduces NK cell exhaustion to improve solid tumor immunity		1

- 5 Venetoclax or Ruxolitinib in Pre-Transplant Conditioning Lowers the Engraftment Barrier by Different Mechanisms in Allogeneic Stem Cell Transplant Recipients. *Frontiers in Immunology*, **2021**, 12, 749094 8.4 o
- 4 Loss-of-Function in SMAD4 Might Not Be Critical for Human Natural Killer Cell Responsiveness to TGF- β *Frontiers in Immunology*, **2019**, 10, 904 8.4
- 3 Donor T Cells Maintain Myeloma-Immune Equilibrium after Autologous Stem Cell Transplantation and Concurrent Immunotherapy Promotes Cure. *Blood*, **2018**, 132, 2031-2031 2.2
- 2 A Radio-Resistant Perforin-Expressing Lymphoid Population Controls Allogeneic T Cell Engraftment, Activation and Onset of Gvhd. *Blood*, **2014**, 124, 3805-3805 2.2
- 1 Innate Lymphoid Cells Type 3 **2016**, 156-168