Nicholas D Huntington

List of Publications by Year in descending order

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Version: 2024-02-01

137 papers 12,650 citations

59 h-index 26613 107 g-index

150 all docs

 $\begin{array}{c} 150 \\ \\ \text{docs citations} \end{array}$

150 times ranked

17193 citing authors

#	Article	IF	CITATIONS
1	ER Stress Triggers Apoptosis by Activating BH3-Only Protein Bim. Cell, 2007, 129, 1337-1349.	28.9	1,235
2	Targeting natural killer cells in cancer immunotherapy. Nature Immunology, 2016, 17, 1025-1036.	14.5	865
3	Tumor immunoevasion by the conversion of effector NK cells into type 1 innate lymphoid cells. Nature Immunology, 2017, 18, 1004-1015.	14.5	504
4	IL-15 trans-presentation promotes human NK cell development and differentiation in vivo. Journal of Experimental Medicine, 2009, 206, 25-34.	8.5	481
5	TGF- \hat{l}^2 inhibits the activation and functions of NK cells by repressing the mTOR pathway. Science Signaling, 2016, 9, ra19.	3.6	453
6	Developmental pathways that generate natural-killer-cell diversity in mice and humans. Nature Reviews Immunology, 2007, 7, 703-714.	22.7	362
7	The cancer–natural killer cell immunity cycle. Nature Reviews Cancer, 2020, 20, 437-454.	28.4	308
8	CIS is a potent checkpoint in NK cell–mediated tumor immunity. Nature Immunology, 2016, 17, 816-824.	14.5	289
9	NK Cell Maturation and Peripheral Homeostasis Is Associated with KLRG1 Up-Regulation. Journal of Immunology, 2007, 178, 4764-4770.	0.8	272
10	A2AR Adenosine Signaling Suppresses Natural Killer Cell Maturation in the Tumor Microenvironment. Cancer Research, 2018, 78, 1003-1016.	0.9	269
11	Lyn Tyrosine Kinase. Immunity, 2005, 22, 9-18.	14.3	266
12	Tissue-resident memory CD8+ T cells promote melanoma–immune equilibrium in skin. Nature, 2019, 565, 366-371.	27.8	266
13	Interleukin 15–mediated survival of natural killer cells is determined by interactions among Bim, Noxa and Mcl-1. Nature Immunology, 2007, 8, 856-863.	14.5	231
14	Functional subsets of mouse natural killer cells. Immunological Reviews, 2006, 214, 47-55.	6.0	222
15	The Emergence of Natural Killer Cells as a Major Target in Cancer Immunotherapy. Trends in Immunology, 2019, 40, 142-158.	6.8	218
16	Complementarity and redundancy of IL-22-producing innate lymphoid cells. Nature Immunology, 2016, 17, 179-186.	14.5	211
17	Nfil3 is required for the development of all innate lymphoid cell subsets. Journal of Experimental Medicine, 2014, 211, 1733-1740.	8.5	206
18	Humanized Mice for Modeling Human Infectious Disease: Challenges, Progress, and Outlook. Cell Host and Microbe, 2009, 6, 5-9.	11.0	202

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19	A Gene Signature Predicting Natural Killer Cell Infiltration and Improved Survival in Melanoma Patients. Cancer Immunology Research, 2019, 7, 1162-1174.	3.4	201
20	Inhibitors of histone acetyltransferases KAT6A/B induce senescence and arrest tumour growth. Nature, 2018, 560, 253-257.	27.8	182
21	Functional CD47/signal regulatory protein alpha (SIRPα) interaction is required for optimal human Tand natural killer- (NK) cell homeostasis in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13224-13229.	7.1	178
22	Innate immunodeficiency following genetic ablation of Mcl1 in natural killer cells. Nature Communications, 2014, 5, 4539.	12.8	156
23	Crosstalk Between Gut Microbiota and Innate Immunity and Its Implication in Autoimmune Diseases. Frontiers in Immunology, 2020, $11,282$.	4.8	154
24	IL-33-mediated mast cell activation promotes gastric cancer through macrophage mobilization. Nature Communications, 2019, 10, 2735.	12.8	139
25	A role for Blimp1 in the transcriptional network controlling natural killer cell maturation. Blood, 2011, 117, 1869-1879.	1.4	134
26	Human RORÎ ³ t+CD34+ Cells Are Lineage-Specified Progenitors of Group 3 RORÎ ³ t+ Innate Lymphoid Cells. Immunity, 2014, 41, 988-1000.	14.3	132
27	Characterization of the thymic IL-7 niche in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1512-1517.	7.1	131
28	Deciphering the Innate Lymphoid Cell Transcriptional Program. Cell Reports, 2016, 17, 436-447.	6.4	131
29	Differential Requirement for Nfil3 during NK Cell Development. Journal of Immunology, 2014, 192, 2667-2676.	0.8	111
30	DNAM-1 Expression Marks an Alternative Program of NK Cell Maturation. Cell Reports, 2015, 11, 85-97.	6.4	111
31	Lymphoid Tissue and Plasmacytoid Dendritic Cells and Macrophages Do Not Share a Common Macrophage-Dendritic Cell-Restricted Progenitor. Immunity, 2014, 41, 104-115.	14.3	105
32	Anti-apoptotic proteins BCL-2, MCL-1 and A1 summate collectively to maintain survival of immune cell populations both in vitro and in vivo. Cell Death and Differentiation, 2017, 24, 878-888.	11.2	103
33	IL-15 signaling in NK cell cancer immunotherapy. Current Opinion in Immunology, 2017, 44, 1-6.	5.5	102
34	Different Kinetics of Blimp-1 Induction in B Cell Subsets Revealed by Reporter Gene. Journal of Immunology, 2007, 178, 4104-4111.	0.8	101
35	The Helix-Loop-Helix Protein ID2 Governs NK Cell Fate by Tuning Their Sensitivity to Interleukin-15. Immunity, 2016, 44, 103-115.	14.3	101
36	Discrete tissue microenvironments instruct diversity in resident memory T cell function and plasticity. Nature Immunology, 2021, 22, 1140-1151.	14.5	96

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37	The unconventional expression of ILâ€15 and its role in NK cell homeostasis. Immunology and Cell Biology, 2014, 92, 210-213.	2.3	95
38	Mesenchymal stromal cell apoptosis is required for their therapeutic function. Nature Communications, 2021, 12, 6495.	12.8	91
39	Transforming growth factor–β and Notch ligands act as opposing environmental cues in regulating the plasticity of type 3 innate lymphoid cells. Science Signaling, 2016, 9, ra46.	3.6	88
40	CD45: direct and indirect government of immune regulation. Immunology Letters, 2004, 94, 167-174.	2.5	83
41	Transforming growth factor- \hat{l}^2 -regulated mTOR activity preserves cellular metabolism to maintain long-term TAcell responses in chronic infection. Immunity, 2021, 54, 1698-1714.e5.	14.3	82
42	Targeting Adenosine in BRAF-Mutant Melanoma Reduces Tumor Growth and Metastasis. Cancer Research, 2017, 77, 4684-4696.	0.9	80
43	A BAFF antagonist suppresses experimental autoimmune encephalomyelitis by targeting cell-mediated and humoral immune responses. International Immunology, 2006, 18, 1473-1485.	4.0	79
44	The Relationship Between Intimate Partner Violence and the Use of Addictive Substances in Poor and Homeless Single Mothers. Violence Against Women, 2002, 8, 785-815.	1.7	75
45	Type 1 Innate Lymphoid Cell Biology: Lessons Learnt from Natural Killer Cells. Frontiers in Immunology, 2016, 7, 426.	4.8	75
46	IL-15 transpresentation promotes both human T-cell reconstitution and T-cell–dependent antibody responses in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6217-6222.	7.1	73
47	You Have Got a Fast CAR: Chimeric Antigen Receptor NK Cells in Cancer Therapy. Cancers, 2020, 12, 706.	3.7	73
48	A requirement for CD45 distinguishes Ly49D-mediated cytokine and chemokine production from killing in primary natural killer cells. Journal of Experimental Medicine, 2005, 201, 1421-1433.	8.5	72
49	Intimate Partner Violence in Extremely Poor Women: Longitudinal Patterns and Risk Markers. Journal of Family Violence, 2006, 21, 387-399.	3.3	72
50	CD45 links the B cell receptor with cell survival and is required for the persistence of germinal centers. Nature Immunology, 2006, 7, 190-198.	14.5	70
51	Regulation of Murine Natural Killer Cell Development. Frontiers in Immunology, 2017, 8, 130.	4.8	70
52	Risk and Protective Factors for Adult and Child Hunger Among Low-Income Housed and Homeless Female-Headed Families. American Journal of Public Health, 2004, 94, 109-115.	2.7	69
53	SOCS5 Is Expressed in Primary B and T Lymphoid Cells but Is Dispensable for Lymphocyte Production and Function. Molecular and Cellular Biology, 2004, 24, 6094-6103.	2.3	67
54	Peripheral natural killer cell maturation depends on the transcription factor Aiolos. EMBO Journal, 2014, 33, 2721-2734.	7.8	67

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55	A Novel Mouse Model for Stable Engraftment of a Human Immune System and Human Hepatocytes. PLoS ONE, 2015, 10, e0119820.	2.5	67
56	Cell cycle progression dictates the requirement for BCL2 in natural killer cell survival. Journal of Experimental Medicine, 2017, 214, 491-510.	8.5	66
57	IMiDs prime myeloma cells for daratumumab-mediated cytotoxicity through loss of Ikaros and Aiolos. Blood, 2018, 132, 2166-2178.	1.4	65
58	Therapeutic blockade of activin-A improves NK cell function and antitumor immunity. Science Signaling, 2019, 12, .	3.6	64
59	Development, Homeostasis, and Heterogeneity of NK Cells and ILC1. Current Topics in Microbiology and Immunology, 2015, 395, 37-61.	1.1	63
60	Generation of Human Antigen-Specific Monoclonal IgM Antibodies Using Vaccinated "Human Immune System―Mice. PLoS ONE, 2010, 5, e13137.	2.5	62
61	Suppressor of cytokine signaling (SOCS)5 ameliorates influenza infection via inhibition of EGFR signaling. ELife, 2017, 6, .	6.0	61
62	NK cell–derived GM-CSF potentiates inflammatory arthritis and is negatively regulated by CIS. Journal of Experimental Medicine, 2020, 217, .	8.5	60
63	Thymic epithelial cells: the multi-tasking framework of the T cell "cradle― Trends in Immunology, 2009, 30, 468-474.	6.8	58
64	Nurses and Internet health information: a questionnaire survey. Journal of Advanced Nursing, 2008, 61, 19-28.	3.3	57
65	PU.1 cooperates with IRF4 and IRF8 to suppress pre-B-cell leukemia. Leukemia, 2016, 30, 1375-1387.	7.2	53
66	Targeting cytokine signaling checkpoint CIS activates NK cells to protect from tumor initiation and metastasis. Oncolmmunology, 2017, 6, e1267892.	4.6	53
67	Adaptation in Homeless Children. American Behavioral Scientist, 2008, 51, 737-755.	3.8	51
68	Harnessing Natural Killer Immunity in Metastatic SCLC. Journal of Thoracic Oncology, 2020, 15, 1507-1521.	1.1	50
69	Bone marrow transplantation generates T cell–dependent control of myeloma in mice. Journal of Clinical Investigation, 2018, 129, 106-121.	8.2	49
70	MAIT cells regulate NK cell-mediated tumor immunity. Nature Communications, 2021, 12, 4746.	12.8	45
71	Context-Dependent Role for T-bet in T Follicular Helper Differentiation and Germinal Center Function following Viral Infection. Cell Reports, 2019, 28, 1758-1772.e4.	6.4	40
72	Developing and implementing a comprehensive approach to serving women with co-occurring disorders and histories of trauma. Journal of Community Psychology, 2005, 33, 395-410.	1.8	39

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73	A crucial role for the homeodomain transcription factor Hhex in lymphopoiesis. Blood, 2015, 125, 803-814.	1.4	39
74	Cutting Edge: A Thymocyte-Thymic Epithelial Cell Cross-Talk Dynamically Regulates Intrathymic IL-7 Expression In Vivo. Journal of Immunology, 2010, 184, 5949-5953.	0.8	37
75	Impact of Tumor and Immunological Heterogeneity on the Anti-Cancer Immune Response. Cancers, 2019, 11, 1217.	3.7	36
76	Regulation of murine natural killer cell commitment. Frontiers in Immunology, 2013, 4, 14.	4.8	33
77	GVHD prevents NK-cell–dependent leukemia and virus-specific innate immunity. Blood, 2017, 129, 630-642.	1.4	32
78	The life and death of immune cell types: the role of BCLâ€2 antiâ€apoptotic molecules. Immunology and Cell Biology, 2017, 95, 870-877.	2.3	30
79	PU.1 Is Required for the Developmental Progression of Multipotent Progenitors to Common Lymphoid Progenitors. Frontiers in Immunology, 2018, 9, 1264.	4.8	30
80	GM-CSF Quantity Has a Selective Effect on Granulocytic vs. Monocytic Myeloid Development and Function. Frontiers in Immunology, 2018, 9, 1922.	4.8	29
81	Consumer Perceptions of Integrated Trauma-Informed Services Among Women with Co-Occurring Disorders. Journal of Behavioral Health Services and Research, 2008, 35, 71-90.	1.4	27
82	Drug target validation in primary human natural killer cells using CRISPR RNP. Journal of Leukocyte Biology, 2020, 108, 1397-1408.	3.3	27
83	NK Cell Priming From Endogenous Homeostatic Signals Is Modulated by CIS. Frontiers in Immunology, 2020, 11, 75.	4.8	27
84	The magnitude and encephalogenic potential of autoimmune response to MOG is enhanced in MOG deficient mice. Journal of Autoimmunity, 2003, 21, 339-351.	6.5	26
85	Molecular insight into targeting the NK cell immune response to cancer. Immunology and Cell Biology, 2018, 96, 477-484.	2.3	26
86	Development and implementation of a multisite evaluation for the Women, Co-Occurring Disorders and Violence Study. Journal of Community Psychology, 2005, 33, 411-427.	1.8	24
87	Rapid Inflammation in Mice Lacking Both SOCS1 and SOCS3 in Hematopoietic Cells. PLoS ONE, 2016, 11, e0162111.	2.5	24
88	Innate lymphoid cells: parallel checkpoints and coordinate interactions with T cells. Current Opinion in Immunology, 2016, 38, 86-93.	5.5	24
89	DNAM-1: would the real natural killer cell please stand up!. Oncotarget, 2015, 6, 28537-28538.	1.8	23
90	Targeting CISH enhances natural cytotoxicity receptor signaling and reduces NK cell exhaustion to improve solid tumor immunity., 2022, 10, e004244.		23

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91	Lyn-Dependent Signaling Regulates the Innate Immune Response by Controlling Dendritic Cell Activation of NK Cells. Journal of Immunology, 2012, 188, 5094-5105.	0.8	22
92	Innate Allorecognition Results in Rapid Accumulation of Monocyte-Derived Dendritic Cells. Journal of Immunology, 2016, 197, 2000-2008.	0.8	22
93	Chronicle of a death foretold: The Green Party of Aotearoa New Zealand and the 2017 election. Environmental Politics, 2018, 27, 373-378.	5.4	22
94	Single-cell analyses reveal the clonal and molecular aetiology of Flt3L-induced emergency dendritic cell development. Nature Cell Biology, 2021, 23, 219-231.	10.3	22
95	Loss of the pro-apoptotic BH3-only Bcl-2 family member Bim sustains B lymphopoiesis in the absence of IL-7. International Immunology, 2009, 21, 715-725.	4.0	20
96	CD19 differentially regulates BCR signalling through the recruitment of PI3K. Autoimmunity, 2014, 47, 430-437.	2.6	18
97	The Ratio of Exhausted to Resident Infiltrating Lymphocytes Is Prognostic for Colorectal Cancer Patient Outcome. Cancer Immunology Research, 2021, 9, 1125-1140.	3.4	18
98	Autonomous and extrinsic regulation of thymopoiesis inhuman immune system (HIS) mice. European Journal of Immunology, 2011, 41, 2883-2893.	2.9	17
99	CpG Inhibits Pro-B Cell Expansion through a Cathepsin B-Dependent Mechanism. Journal of Immunology, 2010, 184, 5678-5685.	0.8	16
100	Phosphatidylinositolâ€3 kinase activity in B cells is negatively regulated by Lyn tyrosine kinase. Immunology and Cell Biology, 2012, 90, 903-911.	2.3	16
101	Ectopic expression of murine CD47 minimizes macrophage rejection of human hepatocyte xenografts in immunodeficient mice. Hepatology, 2012, 56, 1479-1488.	7.3	16
102	Natural-Killer-like B Cells Display the Phenotypic and Functional Characteristics of Conventional B Cells. Immunity, 2017, 47, 199-200.	14.3	16
103	Rapid loss of group 1 innate lymphoid cells during blood stage Plasmodium infection. Clinical and Translational Immunology, 2018, 7, e1003.	3.8	16
104	Therapeutic inhibition of the SRC-kinase HCK facilitates T cell tumor infiltration and improves response to immunotherapy. Science Advances, 2022, 8, .	10.3	16
105	Humanized Immune System (HIS) Mice as a Tool to Study Human NK Cell Development. Current Topics in Microbiology and Immunology, 2008, 324, 109-124.	1.1	14
106	Granzyme M has a critical role in providing innate immune protection in ulcerative colitis. Cell Death and Disease, 2016, 7, e2302-e2302.	6.3	14
107	Immune homeostasis in health and disease. Immunology and Cell Biology, 2018, 96, 451-452.	2.3	14
108	Hhex regulates murine lymphoid progenitor survival independently of Stat5 and Cdkn2a. European Journal of Immunology, 2020, 50, 959-971.	2.9	13

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109	Cytotoxic T Lymphocytes and Natural Killer Cells. , 2019, , 247-259.e1.		12
110	Cord Blood CD8+ T Cells Have a Natural Propensity to Express IL-4 in a Fatty Acid Metabolism and Caspase Activation-Dependent Manner. Frontiers in Immunology, 2018, 9, 879.	4.8	11
111	Quantifying NK cell growth and survival changes in response to cytokines and regulatory checkpoint blockade helps identify optimal culture and expansion conditions. Journal of Leukocyte Biology, 2019, 105, 1341-1354.	3.3	11
112	Targeting WEE1/AKT Restores p53-Dependent Natural Killer–Cell Activation to Induce Immune Checkpoint Blockade Responses in "Cold―Melanoma. Cancer Immunology Research, 2022, 10, 757-769.	3.4	11
113	TGFÎ ² and CIS Inhibition Overcomes NK-cell Suppression to Restore Antitumor Immunity. Cancer Immunology Research, 2022, 10, 1047-1054.	3.4	11
114	Recipient BCL2 inhibition and NK cell ablation form part of a reduced intensity conditioning regime that improves allo-bone marrow transplantation outcomes. Cell Death and Differentiation, 2019, 26, 1516-1530.	11.2	10
115	New Labour: New Christian Democracy?. Political Quarterly, 2002, 73, 44-50.	0.7	9
116	A point mutation in the <i>Ncr1</i> signal peptide impairs the development of innate lymphoid cell subsets. Oncolmmunology, 2018, 7, e1475875.	4.6	9
117	miR17~92 restrains pro-apoptotic BIM to ensure survival of haematopoietic stem and progenitor cells. Cell Death and Differentiation, 2020, 27, 1475-1488.	11.2	9
118	BCL-XL antagonism selectively reduces neutrophil life span within inflamed tissues without causing neutropenia. Blood Advances, 2021, 5, 2550-2562.	5.2	9
119	Hhex Directly Represses BIM-Dependent Apoptosis to Promote NK Cell Development and Maintenance. Cell Reports, 2020, 33, 108285.	6.4	7
120	The Antitumor Effect of Heparin is not Mediated by Direct NK Cell Activation. Journal of Clinical Medicine, 2020, 9, 2666.	2.4	7
121	Inhibitor of Differentiation 4 (ID4) represses mammary myoepithelial differentiation via inhibition of HEB. IScience, 2021, 24, 102072.	4.1	6
122	NK cell recognition of unconventional ligands. Immunology and Cell Biology, 2014, 92, 208-209.	2.3	5
123	Identification of Novel Human NK Cell Progenitor Subsets. International Journal of Molecular Sciences, 2017, 18, 2716.	4.1	5
124	A new checkpoint for Natural Killer cell activation. Immunology and Cell Biology, 2018, 96, 5-7.	2.3	5
125	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.	4.8	5
126	A Radio-Resistant Perforin-Expressing Lymphoid Population Controls Allogeneic T Cell Engraftment, Activation, and Onset of Graft-versus-Host Disease in Mice. Biology of Blood and Marrow Transplantation, 2015, 21, 242-249.	2.0	3

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127	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. Molecular Immunology, 2019, 115, 56-63.	2.2	3
128	Dissecting Human NK Cell Development and Differentiation., 2010,, 39-61.		2
129	Venetoclax or Ruxolitinib Depletion of Recipient NK Cells, in Combination with Reduced Intensity Conditioning, Improves Donor Cell Engraftment without Gvhd in a Mouse Model of Allosct Biology of Blood and Marrow Transplantation, 2020, 26, S171.	2.0	2
130	88. Cytokine, 2014, 70, 49.	3.2	O
131	Probing IKAROS functions in B-ALL using novel mouse models. Experimental Hematology, 2014, 42, S66.	0.4	O
132	Loss-of-Function in SMAD4 Might Not Be Critical for Human Natural Killer Cell Responsiveness to TGF-Î ² . Frontiers in Immunology, 2019, 10, 904.	4.8	0
133	A Radio-Resistant Perforin-Expressing Lymphoid Population Controls Allogeneic T Cell Engraftment, Activation and Onset of Gvhd. Blood, 2014, 124, 3805-3805.	1.4	O
134	Innate Lymphoid Cells Type 3., 2016, , 156-168.		0
135	Abstract IA27: Novel natural killer cell targets for cancer immunotherapy. , 2016, , .		O
136	Donor T Cells Maintain Myeloma-Immune Equilibrium after Autologous Stem Cell Transplantation and Concurrent Immunotherapy Promotes Cure. Blood, 2018, 132, 2031-2031.	1.4	0
137	Abstract LB-135: Targeting the myeloid-cell specific SRC-kinase HCK improves anti-tumor immunity. , 2019, , .		O