

# Nuno L Alves

## List of Publications by Year in descending order

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65  
papers

3,158  
citations

218677

26  
h-index

155660

55  
g-index

66  
all docs

66  
docs citations

66  
times ranked

5041  
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-15 trans-presentation promotes human NK cell development and differentiation in vivo. <i>Journal of Experimental Medicine</i> , 2009, 206, 25-34.	8.5	481
2	Functional Significance of CD57 Expression on Human NK Cells and Relevance to Disease. <i>Frontiers in Immunology</i> , 2013, 4, 422.	4.8	214
3	Monitoring the effect of gene silencing by RNA interference in human CD34+ cells injected into newborn RAG2-/- $\hat{I}^3$ c-/- mice: functional inactivation of p53 in developing T cells. <i>Blood</i> , 2004, 104, 3886-3893.	1.4	183
4	The Noxa/Mcl-1 Axis Regulates Susceptibility to Apoptosis under Glucose Limitation in Dividing T Cells. <i>Immunity</i> , 2006, 24, 703-716.	14.3	161
5	IL-15 induces antigen-independent expansion and differentiation of human naive CD8+ T cells in vitro. <i>Blood</i> , 2003, 102, 2541-2546.	1.4	145
6	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, 1512-1517.	7.1	131
7	Rapid NK cell differentiation in a population with near-universal human cytomegalovirus infection is attenuated by NKG2C deletions. <i>Blood</i> , 2014, 124, 2213-2222.	1.4	107
8	Serial progression of cortical and medullary thymic epithelial microenvironments. <i>European Journal of Immunology</i> , 2014, 44, 16-22.	2.9	96
9	IL-21 Sustains CD28 Expression on IL-15-Activated Human Naive CD8+ T Cells. <i>Journal of Immunology</i> , 2005, 175, 755-762.	0.8	90
10	Thymocyte Selection Regulates the Homeostasis of IL-7-Expressing Thymic Cortical Epithelial Cells In Vivo. <i>Journal of Immunology</i> , 2013, 191, 1200-1209.	0.8	79
11	Differential Regulation of Human IL-7 Receptor $\hat{I}^3$ Expression by IL-7 and TCR Signaling. <i>Journal of Immunology</i> , 2008, 180, 5201-5210.	0.8	77
12	Influenza Vaccination Generates Cytokine-Induced Memory-like NK Cells: Impact of Human Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2016, 197, 313-325.	0.8	76
13	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, 6217-6222.	7.1	73
14	Cytokine profiles for human $\hat{I}^3$ 9+ T cells stimulated by <i>Plasmodium falciparum</i> . <i>Parasite Immunology</i> , 1995, 17, 413-423.	1.5	71
15	Synergy between Common $\hat{I}^3$ Chain Family Cytokines and IL-18 Potentiates Innate and Adaptive Pathways of NK Cell Activation. <i>Frontiers in Immunology</i> , 2016, 7, 101.	4.8	69
16	Sustained Immune Complex-Mediated Reduction in CD16 Expression after Vaccination Regulates NK Cell Function. <i>Frontiers in Immunology</i> , 2016, 7, 384.	4.8	67
17	CMV and natural killer cells: shaping the response to vaccination. <i>European Journal of Immunology</i> , 2018, 48, 50-65.	2.9	65
18	Common $\hat{I}^3$ chain cytokines: Dissidence in the details. <i>Immunology Letters</i> , 2007, 108, 113-120.	2.5	63

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19	Thymic epithelial cells: the multi-tasking framework of the T cell "cradle", Trends in Immunology, 2009, 30, 468-474.	6.8	58
20	Impaired NK Cell Responses to Pertussis and H1N1 Influenza Vaccine Antigens in Human Cytomegalovirus-Infected Individuals. Journal of Immunology, 2015, 194, 4657-4667.	0.8	56
21	Differential activation of CD57-defined natural killer cell subsets during recall responses to vaccine antigens. Immunology, 2014, 142, 140-150.	4.4	54
22	Apoptosis induced by overall metabolic stress converges on the Bcl-2 family proteins Noxa and Mcl-1. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 708-721.	4.9	52
23	Crosstalk among Bcl-2 family members in B-CLL: seliciclib acts via the Mcl-1/Noxa axis and gradual exhaustion of Bcl-2 protection. Cell Death and Differentiation, 2007, 14, 1958-1967.	11.2	45
24	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
25	Intermediate expression of CCRL1 reveals novel subpopulations of medullary thymic epithelial cells that emerge in the postnatal thymus. European Journal of Immunology, 2014, 44, 2918-2924.	2.9	31
26	Thymic epithelial cells require p53 to support their long-term function in thymopoiesis in mice. Blood, 2017, 130, 478-488.	1.4	29
27	Thymic crosstalk restrains the pool of cortical thymic epithelial cells with progenitor properties. European Journal of Immunology, 2017, 47, 958-969.	2.9	29
28	Vaccinating for natural killer cell effector functions. Clinical and Translational Immunology, 2018, 7, e1010.	3.8	29
29	Enhancement of cytokine-driven NK cell IFN $\gamma$ production after vaccination of HCMV infected Africans. European Journal of Immunology, 2017, 47, 1040-1050.	2.9	28
30	IL-15 Promotes Polyfunctional NK Cell Responses to Influenza by Boosting IL-12 Production. Journal of Immunology, 2018, 200, 2738-2747.	0.8	28
31	Clonal Evolution of CD8 <sup>+</sup> T Cell Responses against Latent Viruses: Relationship among Phenotype, Localization, and Function. Journal of Virology, 2015, 89, 568-580.	3.4	26
32	Calorie Restriction Attenuates Terminal Differentiation of Immune Cells. Frontiers in Immunology, 2017, 7, 667.	4.8	24
33	Lymphotoxin- $\beta$ receptor in microenvironmental cells promotes the development of T-cell acute lymphoblastic leukaemia with cortical/mature immunophenotype. British Journal of Haematology, 2015, 171, 736-751.	2.5	22
34	Antibody-Dependent Natural Killer Cell Activation After Ebola Vaccination. Journal of Infectious Diseases, 2021, 223, 1171-1182.	4.0	22
35	A New Subset of Human Naive CD8 <sup>+</sup> T Cells Defined by Low Expression of IL-7R $\alpha$ . Journal of Immunology, 2007, 179, 221-228.	0.8	21
36	Differential frequency of NKG2C/KLRC2 deletion in distinct African populations and susceptibility to Trachoma: a new method for imputation of KLRC2 genotypes from SNP genotyping data. Human Genetics, 2016, 135, 939-951.	3.8	21

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37	Polyclonal Tâ€cell responses to Plasmodium falciparum gametocytes in malaria nonexposed donors. <i>Parasite Immunology</i> , 1997, 19, 419-425.	1.5	20
38	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, 715-725.	4.0	20
39	Influenza Vaccination Primes Human Myeloid Cell Cytokine Secretion and NK Cell Function. <i>Journal of Immunology</i> , 2019, 203, 1609-1618.	0.8	19
40	Withdrawal symptoms on display: Bcl-2 members under investigation. <i>Trends in Immunology</i> , 2007, 28, 26-32.	6.8	18
41	Age-Related Dynamics of Circulating Innate Lymphoid Cells in an African Population. <i>Frontiers in Immunology</i> , 2020, 11, 594107.	4.8	18
42	Autonomous and extrinsic regulation of thymopoiesis in human immune system (HIS) mice. <i>European Journal of Immunology</i> , 2011, 41, 2883-2893.	2.9	17
43	CpG Inhibits Pro-B Cell Expansion through a Cathepsin B-Dependent Mechanism. <i>Journal of Immunology</i> , 2010, 184, 5678-5685.	0.8	16
44	Medullary thymic epithelial cells: Deciphering the functional diversity beyond promiscuous gene expression. <i>Immunology Letters</i> , 2019, 215, 24-27.	2.5	15
45	A novel method to identify Postâ€Aire stages of medullary thymic epithelial cell differentiation. <i>European Journal of Immunology</i> , 2021, 51, 311-318.	2.9	14
46	Durable natural killer cell responses after heterologous two-dose Ebola vaccination. <i>Npj Vaccines</i> , 2021, 6, 19.	6.0	12
47	Ebola virus glycoprotein stimulates IL-18â€dependent natural killer cell responses. <i>Journal of Clinical Investigation</i> , 2020, 130, 3936-3946.	8.2	12
48	LAMP2 regulates autophagy in the thymic epithelium and thymic stroma-dependent CD4 T cell development. <i>Autophagy</i> , 2023, 19, 426-439.	9.1	12
49	FoxN1-dependent thymic epithelial cells promote T-cell leukemia development. <i>Carcinogenesis</i> , 2018, 39, 1463-1476.	2.8	11
50	Differentiation and adaptation of natural killer cells for antiâ€malarial immunity. <i>Immunological Reviews</i> , 2020, 293, 25-37.	6.0	11
51	Fibronectin-Functionalized Fibrous Meshes as a Substrate to Support Cultures of Thymic Epithelial Cells. <i>Biomacromolecules</i> , 2020, 21, 4771-4780.	5.4	11
52	Induction of Cell Cycle and NK Cell Responses by Live-Attenuated Oral Vaccines against Typhoid Fever. <i>Frontiers in Immunology</i> , 2017, 8, 1276.	4.8	10
53	Intrathymic Deletion of IL-7 Reveals a Contribution of the Bone Marrow to Thymic Rebound Induced by Androgen Blockade. <i>Journal of Immunology</i> , 2018, 200, 1389-1398.	0.8	10
54	Natural Killer Cells Dampen the Pathogenic Features of Recall Responses to Influenza Infection. <i>Frontiers in Immunology</i> , 2020, 11, 135.	4.8	10

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55	Thymus medulla under construction: Time and space oddities. <i>European Journal of Immunology</i> , 2016, 46, 829-833.	2.9	9
56	Innate IFN- $\gamma$ -Producing Cells Developing in the Absence of IL-2 Receptor Common $\beta$ -Chain. <i>Journal of Immunology</i> , 2017, 199, 1429-1439.	0.8	9
57	Setting Up the Perimeter of Tolerance: Insights into mTEC Physiology. <i>Trends in Immunology</i> , 2018, 39, 2-5.	6.8	8
58	The Ins and Outs of Thymic Epithelial Cell Differentiation and Function. , 2019, , 35-65.		5
59	Differential IL-18 Dependence of Canonical and Adaptive NK Cells for Antibody Dependent Responses to <i>P. falciparum</i> . <i>Frontiers in Immunology</i> , 2020, 11, 533.	4.8	5
60	Identification of fibroblast progenitors in the developing mouse thymus. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	4
61	The Early Postnatal Life: A Dynamic Period in Thymic Epithelial Cell Differentiation. <i>Frontiers in Immunology</i> , 2021, 12, 668528.	4.8	1
62	NK Cell Subset Redistribution and Antibody Dependent Activation after Ebola Vaccination in Africans. <i>Vaccines</i> , 2022, 10, 884.	4.4	1
63	The Impact of Environmental Signals on the Growth and Survival of Human T Cells. , 2005, , 1-32.		0
64	The Portuguese Society for Immunology (SPI): history and mission. <i>European Journal of Immunology</i> , 2020, 50, 918-920.	2.9	0
65	The quest for the $\alpha$ H2A-grail of T-cell development. <i>Cell Death and Differentiation</i> , 2021, 28, 2983-2985.	11.2	0