

Martijn A Nolte

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5003776/publications.pdf>

Version: 2024-02-01

86
papers

5,744
citations

136950

32
h-index

76900

74
g-index

89
all docs

89
docs citations

89
times ranked

9502
citing authors

#	ARTICLE	IF	CITATIONS
1	Syk-Dependent Cytokine Induction by Dectin-1 Reveals a Novel Pattern Recognition Pathway for C Type Lectins. <i>Immunity</i> , 2005, 22, 507-517.	14.3	815
2	Toll-like receptor 3 promotes cross-priming to virus-infected cells. <i>Nature</i> , 2005, 433, 887-892.	27.8	801
3	Inflammatory signals in dendritic cell activation and the induction of adaptive immunity. <i>Immunological Reviews</i> , 2009, 227, 234-247.	6.0	507
4	Timing and tuning of CD27-CD70 interactions: the impact of signal strength in setting the balance between adaptive responses and immunopathology. <i>Immunological Reviews</i> , 2009, 229, 216-231.	6.0	260
5	A Conduit System Distributes Chemokines and Small Blood-borne Molecules through the Splenic White Pulp. <i>Journal of Experimental Medicine</i> , 2003, 198, 505-512.	8.5	182
6	Interferon- β impairs proliferation of hematopoietic stem cells in mice. <i>Blood</i> , 2013, 121, 3578-3585.	1.4	172
7	Marginal zone macrophages express a murine homologue of DC-SIGN that captures blood-borne antigens in vivo. <i>Blood</i> , 2002, 100, 2908-2916.	1.4	167
8	Impact of interferon- β on hematopoiesis. <i>Blood</i> , 2014, 124, 2479-2486.	1.4	162
9	Chronic IFN- β production in mice induces anemia by reducing erythrocyte life span and inhibiting erythropoiesis through an IRF-1/PU.1 axis. <i>Blood</i> , 2011, 118, 2578-2588.	1.4	161
10	Tumor Rejection Induced by CD70-mediated Quantitative and Qualitative Effects on Effector CD8+ T Cell Formation. <i>Journal of Experimental Medicine</i> , 2004, 199, 1595-1605.	8.5	136
11	IFN- β induces monopoiesis and inhibits neutrophil development during inflammation. <i>Blood</i> , 2012, 119, 1543-1554.	1.4	133
12	The Costimulatory Molecule CD27 Maintains Clonally Diverse CD8+ T Cell Responses of Low Antigen Affinity to Protect against Viral Variants. <i>Immunity</i> , 2011, 35, 97-108.	14.3	121
13	The TNF Receptor Superfamily-NF- κ B Axis Is Critical to Maintain Effector Regulatory T Cells in Lymphoid and Non-lymphoid Tissues. <i>Cell Reports</i> , 2017, 20, 2906-2920.	6.4	115
14	Impact of Viral Infections on Hematopoiesis: From Beneficial to Detrimental Effects on Bone Marrow Output. <i>Frontiers in Immunology</i> , 2016, 7, 364.	4.8	114
15	GITR Triggering Induces Expansion of Both Effector and Regulatory CD4+ T Cells In Vivo. <i>Journal of Immunology</i> , 2009, 182, 7490-7500.	0.8	110
16	Signaling through CD70 Regulates B Cell Activation and IgG Production. <i>Journal of Immunology</i> , 2004, 173, 3901-3908.	0.8	106
17	The strict regulation of lymphocyte migration to splenic white pulp does not involve common homing receptors. <i>Immunology</i> , 2002, 106, 299-307.	4.4	104
18	B Cells Are Crucial for Both Development and Maintenance of the Splenic Marginal Zone. <i>Journal of Immunology</i> , 2004, 172, 3620-3627.	0.8	97

#	ARTICLE	IF	CITATIONS
19	Blimp-1 homolog Hobit identifies effector-type lymphocytes in humans. <i>European Journal of Immunology</i> , 2015, 45, 2945-2958.	2.9	94
20	Functional Heterogeneity of CD4+ Tumor-Infiltrating Lymphocytes With a Resident Memory Phenotype in NSCLC. <i>Frontiers in Immunology</i> , 2018, 9, 2654.	4.8	85
21	Mouse Hobit is a homolog of the transcriptional repressor Blimp-1 that regulates NKT cell effector differentiation. <i>Nature Immunology</i> , 2012, 13, 864-871.	14.5	71
22	Controlling Immunity and Inflammation through Integrin-Dependent Regulation of TGF- β 2. <i>Trends in Cell Biology</i> , 2020, 30, 49-59.	7.9	71
23	Isolation of the intact white pulp. Quantitative and qualitative analysis of the cellular composition of the splenic compartments. <i>European Journal of Immunology</i> , 2000, 30, 626-634.	2.9	61
24	Immune activation modulates hematopoiesis through interactions between CD27 and CD70. <i>Nature Immunology</i> , 2005, 6, 412-418.	14.5	56
25	Eosinophil differentiation in the bone marrow is inhibited by T cell-derived IFN- γ . <i>Blood</i> , 2010, 116, 2559-2569.	1.4	56
26	Development and Function of the Splenic Marginal Zone. <i>Critical Reviews in Immunology</i> , 2004, 24, 16.	0.5	56
27	Dendritic cell quiescence during systemic inflammation driven by LPS stimulation of radioresistant cells in vivo. <i>Journal of Experimental Medicine</i> , 2007, 204, 1487-1501.	8.5	55
28	Organ-specific migration of mesenchymal stromal cells: Who, when, where and why?. <i>Immunology Letters</i> , 2015, 168, 159-169.	2.5	55
29	CXCR4, but not CXCR3, drives CD8 ⁺ T cell entry into and migration through the murine bone marrow. <i>European Journal of Immunology</i> , 2019, 49, 576-589.	2.9	44
30	Protein C Inhibitor May Modulate Human Sperm-Oocyte Interactions1. <i>Biology of Reproduction</i> , 1998, 58, 670-677.	2.7	43
31	Protective CD8 T Cell Memory Is Impaired during Chronic CD70-Driven Costimulation. <i>Journal of Immunology</i> , 2009, 182, 5352-5362.	0.8	42
32	Integrins Control Vesicular Trafficking; New Tricks for Old Dogs. <i>Trends in Biochemical Sciences</i> , 2021, 46, 124-137.	7.5	37
33	BH3-only protein Noxa regulates apoptosis in activated B cells and controls high-affinity antibody formation. <i>Blood</i> , 2012, 119, 1440-1449.	1.4	33
34	Vagal innervation is required for the formation of tertiary lymphoid tissue in colitis. <i>European Journal of Immunology</i> , 2016, 46, 2467-2480.	2.9	31
35	Osteoclast precursors in murine bone marrow express CD27 and are impeded in osteoclast development by CD70 on activated immune cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12385-12390.	7.1	29
36	Mesenchymal stem cells are mobilized from the bone marrow during inflammation. <i>Frontiers in Immunology</i> , 2013, 4, 49.	4.8	29

#	ARTICLE	IF	CITATIONS
37	Constitutive GITR Activation Reduces Atherosclerosis by Promoting Regulatory CD4 ⁺ T-Cell Responsesâ€”Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1748-1752.	2.4	28
38	Effects of fluorescent and nonfluorescent tracing methods on lymphocyte migration in vivo. <i>Cytometry</i> , 2004, 61A, 35-44.	1.8	26
39	Quantitative and Qualitative Analysis of Bone Marrow CD8 ⁺ T Cells from Different Bones Uncovers a Major Contribution of the Bone Marrow in the Vertebrae. <i>Frontiers in Immunology</i> , 2015, 6, 660.	4.8	24
40	Interferon-Gamma Impairs Maintenance and Alters Hematopoietic Support of Bone Marrow Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2018, 27, 579-589.	2.1	24
41	Peripheral and systemic antigens elicit an expandable pool of resident memory CD8 ⁺ T cells in the bone marrow. <i>European Journal of Immunology</i> , 2019, 49, 853-872.	2.9	24
42	Activation and suppression of hematopoietic integrins in hemostasis and immunity. <i>Blood</i> , 2020, 135, 7-16.	1.4	23
43	Chronic CD70-Driven Costimulation Impairs IgG Responses by Instructing T Cells to Inhibit Germinal Center B Cell Formation through FasL-Fas Interactions. <i>Journal of Immunology</i> , 2009, 183, 6442-6451.	0.8	21
44	Enhanced CD8 T Cell Responses through GITR-Mediated Costimulation Resolve Chronic Viral Infection. <i>PLoS Pathogens</i> , 2015, 11, e1004675.	4.7	21
45	Endothelial junctional membrane protrusions serve as hotspots for neutrophil transmigration. <i>ELife</i> , 2021, 10, .	6.0	20
46	CD70-Driven Chronic Immune Activation Is Protective against Atherosclerosis. <i>Journal of Innate Immunity</i> , 2010, 2, 344-352.	3.8	19
47	The Bone Marrow as Sanctuary for Plasma Cells and Memory T-Cells: Implications for Adaptive Immunity and Vaccinology. <i>Cells</i> , 2021, 10, 1508.	4.1	19
48	Impact of T cells on hematopoietic stem and progenitor cell function: Good guys or bad guys?. <i>World Journal of Stem Cells</i> , 2017, 9, 37.	2.8	17
49	Nuclear shape, protrusive behaviour and in vivo retention of human bone marrow mesenchymal stromal cells is controlled by Lamin-A/C expression. <i>Scientific Reports</i> , 2019, 9, 14401.	3.3	16
50	Sustained T cell Rap1 signaling is protective in the collagenâ€”induced arthritis model of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 3289-3299.	6.7	15
51	Memory CD8 ⁺ T cells support the maintenance of hematopoietic stem cells in the bone marrow. <i>Haematologica</i> , 2018, 103, e230-e233.	3.5	15
52	Function of CD27 in helper T cell differentiation. <i>Immunology Letters</i> , 2011, 136, 177-186.	2.5	14
53	Enhanced uptake of blood coagulation factor VIII containing immune complexes by antigen presenting cells. <i>Journal of Thrombosis and Haemostasis</i> , 2017, 15, 329-340.	3.8	14
54	Syk-Dependent Cytokine Induction by Dectin-1 Reveals a Novel Pattern Recognition Pathway for C Type Lectins. <i>Immunity</i> , 2005, 22, 773-774.	14.3	13

#	ARTICLE	IF	CITATIONS
55	Parallels between immune driven-hematopoiesis and T cell activation: 3 signals that relay inflammatory stress to the bone marrow. <i>Experimental Cell Research</i> , 2014, 329, 239-247.	2.6	13
56	Autologous cytomegalovirus-specific T cells as effector cells in immunotherapy of B cell chronic lymphocytic leukaemia. <i>British Journal of Haematology</i> , 2004, 126, 512-516.	2.5	12
57	Enhanced costimulation by CD70+ B cells aggravates experimental autoimmune encephalomyelitis in autoimmune mice. <i>Journal of Neuroimmunology</i> , 2013, 255, 8-17.	2.3	12
58	Hematopoietic stem and progenitor cells use podosomes to transcellularly cross the bone marrow endothelium. <i>Haematologica</i> , 2020, 105, 2746-2756.	3.5	12
59	The endothelial diapedesis synapse regulates transcellular migration of human T lymphocytes in a CX3CL1- and SNAP23-dependent manner. <i>Cell Reports</i> , 2022, 38, 110243.	6.4	11
60	BH3-only protein Noxa contributes to apoptotic control of stress-erythropoiesis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1306-1318.	4.9	10
61	Extracellular Vesicles Derived From Adult and Fetal Bone Marrow Mesenchymal Stromal Cells Differentially Promote ex vivo Expansion of Hematopoietic Stem and Progenitor Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 640419.	4.1	10
62	Diversity, localization, and (patho)physiology of mature lymphocyte populations in the bone marrow. <i>Blood</i> , 2021, 137, 3015-3026.	1.4	10
63	Transendothelial migration induces differential migration dynamics of leukocytes in tissue matrix. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	10
64	In Vivo Knockdown of TAK1 Accelerates Bone Marrow Proliferation/Differentiation and Induces Systemic Inflammation. <i>PLoS ONE</i> , 2013, 8, e57348.	2.5	9
65	GITR shapes humoral immunity by controlling the balance between follicular T helper cells and regulatory T follicular cells. <i>Immunology Letters</i> , 2020, 222, 73-79.	2.5	9
66	Arginine deficiency affects early B cell maturation and lymphoid organ development in transgenic mice. <i>Journal of Clinical Investigation</i> , 2002, 110, 1539-1548.	8.2	9
67	The price of the CD27-CD70 costimulatory axis: you can't have it all. <i>Journal of Experimental Medicine</i> , 2006, 203, 2405-2408.	8.5	8
68	The RhoGEF Trio: A Protein with a Wide Range of Functions in the Vascular Endothelium. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10168.	4.1	8
69	The Spleen Responds to Intestinal Manipulation but Does Not Participate in the Inflammatory Response in a Mouse Model of Postoperative Ileus. <i>PLoS ONE</i> , 2014, 9, e102211.	2.5	6
70	Maintenance of memory CD8 T cells: Divided over division. <i>European Journal of Immunology</i> , 2017, 47, 1875-1879.	2.9	6
71	CD27 contributes to the early systemic immune response to Mycobacterium tuberculosis infection but does not affect outcome. <i>International Immunology</i> , 2006, 18, 1531-1539.	4.0	5
72	Platelet number and function alterations in preclinical models of sterile inflammation and sepsis patients: implications in the pathophysiology and treatment of inflammation. <i>Transfusion and Apheresis Science</i> , 2022, 61, 103413.	1.0	4

#	ARTICLE	IF	CITATIONS
73	Overexpression of Transmembrane TNF Drives Development of Ectopic Lymphoid Structures in the Bone Marrow and B Cell Lineage Alterations in Experimental Spondyloarthritis. <i>Journal of Immunology</i> , 2021, 207, 2337-2346.	0.8	3
74	Age-Related Variation in Sympathetic Nerve Distribution in the Human Spleen. <i>Frontiers in Neuroscience</i> , 2021, 15, 726825.	2.8	3
75	Bone Marrow Harbors a Unique Population of Dendritic Cells with the Potential to Boost Neutrophil Formation upon Exposure to Fungal Antigen. <i>Cells</i> , 2022, 11, 55.	4.1	3
76	Inflammatory responses to infection: The Dutch contribution. <i>Immunology Letters</i> , 2014, 162, 113-120.	2.5	1
77	SLPI is essential for granulopoiesis. <i>Blood</i> , 2014, 123, 1121-1123.	1.4	1
78	Guiding the action of the immune system: Interactions between the immune system and non-immune tissues. <i>Immunology Letters</i> , 2011, 138, 1-3.	2.5	0
79	With(out) a little help from my friends: An IL-12/CD40L-mediated feed-forward loop between CD8 ⁺ T cells and DCs. <i>European Journal of Immunology</i> , 2013, 43, 1445-1448.	2.9	0
80	Chronic IFN β Production Induces Anemia by Reducing Erythrocyte Lifespan and Inhibiting Erythropoiesis through An IRF-1/PU.1-Axis. <i>Blood</i> , 2010, 116, 4234-4234.	1.4	0
81	Role for BH3-Only Protein NOXA In Growth-Factor Deprivation and Early Erythropoiesis. <i>Blood</i> , 2010, 116, 4235-4235.	1.4	0
82	IFN γ Regulates the Balance Between Monocyte and Neutrophil Production During Immune Activation.. <i>Blood</i> , 2010, 116, 1562-1562.	1.4	0
83	The Role of Bone Marrow T Cells in Regulating Hematopoietic Stem Cell Function.. <i>Blood</i> , 2012, 120, 2349-2349.	1.4	0
84	Costimulation Through GITR Increases Follicular Helper T Cell Formation and Leads To Control Of A Chronic Viral Infection. <i>Blood</i> , 2013, 122, 3496-3496.	1.4	0
85	Bone Marrow Memory CD8 T Cells Positively Influence Hematopoietic Stem Cell Function. <i>Blood</i> , 2013, 122, 3692-3692.	1.4	0
86	Code Red in the Supply Center: The Impact of Immune Activation on Hematopoiesis. <i>Cells</i> , 2022, 11, 1586.	4.1	0