

# Martijn A Nolte

## List of Publications by Year in descending order

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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	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
2	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
3	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
4	Code Red in the Supply Center: The Impact of Immune Activation on Hematopoiesis. <i>Cells</i> , 2022, 11, 1586.	4.1	0
5	Integrins Control Vesicular Trafficking; New Tricks for Old Dogs. <i>Trends in Biochemical Sciences</i> , 2021, 46, 124-137.	7.5	37
6	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
7	Diversity, localization, and (patho)physiology of mature lymphocyte populations in the bone marrow. <i>Blood</i> , 2021, 137, 3015-3026.	1.4	10
8	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
9	Endothelial junctional membrane protrusions serve as hotspots for neutrophil transmigration. <i>ELife</i> , 2021, 10, .	6.0	20
10	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
11	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
12	Age-Related Variation in Sympathetic Nerve Distribution in the Human Spleen. <i>Frontiers in Neuroscience</i> , 2021, 15, 726825.	2.8	3
13	Transendothelial migration induces differential migration dynamics of leukocytes in tissue matrix. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	10
14	Controlling Immunity and Inflammation through Integrin-Dependent Regulation of TGF- $\beta$ 2. <i>Trends in Cell Biology</i> , 2020, 30, 49-59.	7.9	71
15	Hematopoietic stem and progenitor cells use podosomes to transcellularly cross the bone marrow endothelium. <i>Haematologica</i> , 2020, 105, 2746-2756.	3.5	12
16	Activation and suppression of hematopoietic integrins in hemostasis and immunity. <i>Blood</i> , 2020, 135, 7-16.	1.4	23
17	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
18	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

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19	CXCR4, but not CXCR3, drives CD8 <sup>+</sup> T cell entry into and migration through the murine bone marrow. <i>European Journal of Immunology</i> , 2019, 49, 576-589.	2.9	44
20	Peripheral and systemic antigens elicit an expandable pool of resident memory CD8 <sup>+</sup> T cells in the bone marrow. <i>European Journal of Immunology</i> , 2019, 49, 853-872.	2.9	24
21	Memory CD8 <sup>+</sup> T cells support the maintenance of hematopoietic stem cells in the bone marrow. <i>Haematologica</i> , 2018, 103, e230-e233.	3.5	15
22	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
23	Functional Heterogeneity of CD4 <sup>+</sup> Tumor-Infiltrating Lymphocytes With a Resident Memory Phenotype in NSCLC. <i>Frontiers in Immunology</i> , 2018, 9, 2654.	4.8	85
24	The TNF Receptor Superfamily-NF- $\kappa$ 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
25	Maintenance of memory CD8 T cells: Divided over division. <i>European Journal of Immunology</i> , 2017, 47, 1875-1879.	2.9	6
26	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
27	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
28	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
29	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
30	Constitutive GITR Activation Reduces Atherosclerosis by Promoting Regulatory CD4 <sup>+</sup> T-Cell Responsesâ€”Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1748-1752.	2.4	28
31	Blimp-1 homolog Hobit identifies effector-type lymphocytes in humans. <i>European Journal of Immunology</i> , 2015, 45, 2945-2958.	2.9	94
32	Enhanced CD8 T Cell Responses through GITR-Mediated Costimulation Resolve Chronic Viral Infection. <i>PLoS Pathogens</i> , 2015, 11, e1004675.	4.7	21
33	Organ-specific migration of mesenchymal stromal cells: Who, when, where and why?. <i>Immunology Letters</i> , 2015, 168, 159-169.	2.5	55
34	Quantitative and Qualitative Analysis of Bone Marrow CD8 <sup>+</sup> 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
35	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
36	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

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37	Inflammatory responses to infection: The Dutch contribution. <i>Immunology Letters</i> , 2014, 162, 113-120.	2.5	1
38	SLPI is essential for granulopoiesis. <i>Blood</i> , 2014, 123, 1121-1123.	1.4	1
39	Impact of interferon- $\hat{1}3$ on hematopoiesis. <i>Blood</i> , 2014, 124, 2479-2486.	1.4	162
40	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
41	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
42	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
43	With(out) a little help from my friends: An $\hat{1}2$ CD40L-mediated feedâ€forward loop between CD8 <sup>+</sup> T cells and DCs. <i>European Journal of Immunology</i> , 2013, 43, 1445-1448.	2.9	0
44	Interferon- $\hat{1}3$ impairs proliferation of hematopoietic stem cells in mice. <i>Blood</i> , 2013, 121, 3578-3585.	1.4	172
45	In Vivo Knockdown of TAK1 Accelerates Bone Marrow Proliferation/Differentiation and Induces Systemic Inflammation. <i>PLoS ONE</i> , 2013, 8, e57348.	2.5	9
46	Mesenchymal stem cells are mobilized from the bone marrow during inflammation. <i>Frontiers in Immunology</i> , 2013, 4, 49.	4.8	29
47	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
48	Bone Marrow Memory CD8 T Cells Positively Influence Hematopoietic Stem Cell Function. <i>Blood</i> , 2013, 122, 3692-3692.	1.4	0
49	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
50	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
51	IFN $\hat{1}3$ induces monopoiesis and inhibits neutrophil development during inflammation. <i>Blood</i> , 2012, 119, 1543-1554.	1.4	133
52	The Role of Bone Marrow T Cells in Regulating Hematopoietic Stem Cell Function.. <i>Blood</i> , 2012, 120, 2349-2349.	1.4	0
53	Chronic IFN- $\hat{1}3$ 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
54	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

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55	Function of CD27 in helper T cell differentiation. <i>Immunology Letters</i> , 2011, 136, 177-186.	2.5	14
56	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
57	Eosinophil differentiation in the bone marrow is inhibited by T cell-derived IFN- $\gamma$ . <i>Blood</i> , 2010, 116, 2559-2569.	1.4	56
58	Sustained T cell Rap1 signaling is protective in the collagen-induced arthritis model of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 3289-3299.	6.7	15
59	CD70-Driven Chronic Immune Activation Is Protective against Atherosclerosis. <i>Journal of Innate Immunity</i> , 2010, 2, 344-352.	3.8	19
60	Chronic IFN- $\gamma$ 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
61	Role for BH3-Only Protein NOXA In Growth-Factor Deprivation and Early Erythropoiesis. <i>Blood</i> , 2010, 116, 4235-4235.	1.4	0
62	IFN $\gamma$ Regulates the Balance Between Monocyte and Neutrophil Production During Immune Activation.. <i>Blood</i> , 2010, 116, 1562-1562.	1.4	0
63	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
64	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
65	Protective CD8 T Cell Memory Is Impaired during Chronic CD70-Driven Costimulation. <i>Journal of Immunology</i> , 2009, 182, 5352-5362.	0.8	42
66	Inflammatory signals in dendritic cell activation and the induction of adaptive immunity. <i>Immunological Reviews</i> , 2009, 227, 234-247.	6.0	507
67	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
68	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
69	CD27 contributes to the early systemic immune response to <i>Mycobacterium tuberculosis</i> infection but does not affect outcome. <i>International Immunology</i> , 2006, 18, 1531-1539.	4.0	5
70	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
71	Immune activation modulates hematopoiesis through interactions between CD27 and CD70. <i>Nature Immunology</i> , 2005, 6, 412-418.	14.5	56
72	Toll-like receptor 3 promotes cross-priming to virus-infected cells. <i>Nature</i> , 2005, 433, 887-892.	27.8	801

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73	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
74	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
75	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
76	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
77	Signaling through CD70 Regulates B Cell Activation and IgG Production. <i>Journal of Immunology</i> , 2004, 173, 3901-3908.	0.8	106
78	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
79	Effects of fluorescent and nonfluorescent tracing methods on lymphocyte migration in vivo. <i>Cytometry</i> , 2004, 61A, 35-44.	1.8	26
80	Development and Function of the Splenic Marginal Zone. <i>Critical Reviews in Immunology</i> , 2004, 24, 16.	0.5	56
81	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
82	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
83	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
84	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
85	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
86	Protein C Inhibitor May Modulate Human Sperm-Oocyte Interactions <sup>1</sup> . <i>Biology of Reproduction</i> , 1998, 58, 670-677.	2.7	43