

# Petter HÅglund

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6813724/publications.pdf>

Version: 2024-02-01

102  
papers

4,991  
citations

159525

30  
h-index

91828

69  
g-index

105  
all docs

105  
docs citations

105  
times ranked

4741  
citing authors

#	ARTICLE	IF	CITATIONS
1	What™s in the tissue? Immunology™s new playground. Scandinavian Journal of Immunology, 2022, 95, e13141.	1.3	1
2	Clearing the mist of autoimmunity pathogenesis: Dedication and persistence is key. Scandinavian Journal of Immunology, 2022, 95, e13147.	1.3	0
3	Innate lymphoid cells™From homeostasis to disease. Scandinavian Journal of Immunology, 2022, 95, e13165.	1.3	0
4	Mutation in the <i>TACI</i> gene and autoimmune neutropenia: A case report. American Journal of Hematology, 2022, 97, .	2.0	4
5	Scandinavian journal of immunology: The first 50 years. Scandinavian Journal of Immunology, 2022, 95, e13127.	1.3	0
6	Immunology according to Dembic: Preserving integrity is key. Scandinavian Journal of Immunology, 2022, 95, e13173.	1.3	0
7	Two immunology happenings this June: Iceland hosts <i>SSI</i> 2022 and follicular T cells celebrate <i>SJI</i> 50%years. Scandinavian Journal of Immunology, 2022, 95, .	1.3	0
8	Frequent platelet donation is associated with lymphopenia and risk of infections: A nationwide cohort study. Transfusion, 2021, 61, 464-473.	0.8	18
9	Short-term IL-15 priming leaves a long-lasting signalling imprint in mouse NK cells independently of a metabolic switch. Life Science Alliance, 2021, 4, e202000723.	1.3	9
10	<i>HLA</i> class <i>I</i> depletion by citric acid, and irradiation of apheresis platelets for transfusion of refractory patients. Transfusion, 2021, 61, 1222-1234.	0.8	6
11	Platelet-Mediated Protection of Cancer Cells From Immune Surveillance – Possible Implications for Cancer Immunotherapy. Frontiers in Immunology, 2021, 12, 640578.	2.2	45
12	The blood protein hCAP18 in neutropenia: An 18-month experience of a new ELISA for clinical use. Scandinavian Journal of Immunology, 2021, 94, e13037.	1.3	6
13	Role models that shaped Scandinavian immunology. Scandinavian Journal of Immunology, 2021, 94, e13056.	1.3	1
14	MHC class I molecules co-stimulate NK1.1 signaling and enhance Ca <sup>2+</sup> flux in murine NK cells. European Journal of Immunology, 2021, 51, 2531-2534.	1.6	2
15	Platelet transfusion improves clot formation and platelet function in severely thrombocytopenic haematology patients. British Journal of Haematology, 2021, , .	1.2	3
16	Talk of the town in 2021: Covid-19 vaccines likely take centre stage. Scandinavian Journal of Immunology, 2021, 93, e13014.	1.3	0
17	Red blood cell blood group A antigen level affects the ability of heparin and PfEMP1 antibodies to disrupt Plasmodium falciparum rosettes. Malaria Journal, 2021, 20, 441.	0.8	6
18	IL15 and CD155 expression regulate LAT expression in murine DNAM1 <sup>+</sup> NK cells, enhancing their effectors functions. European Journal of Immunology, 2020, 50, 494-504.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Congenital and Acquired Chronic Neutropenias: Challenges, Perspectives and Implementation of the EuNet-INNOCHRON Action. <i>HemaSphere</i> , 2020, 4, e406.	1.2	2
20	Scandinavian Society for Immunology turns 50: Snapshots of Scandinavian immunology today and the future of this learned society. <i>Scandinavian Journal of Immunology</i> , 2020, 92, e12976.	1.3	0
21	Natural killer cells and solid tumours: New therapies ahead?. <i>Scandinavian Journal of Immunology</i> , 2020, 91, e12878.	1.3	1
22	Multicenter Study on Differential Human Neutrophil Antigen 2 Expression and Underlying Molecular Mechanisms. <i>Transfusion Medicine and Hemotherapy</i> , 2020, 47, 385-395.	0.7	6
23	Increased frequency of the single nucleotide polymorphism of the <i>DARC/ACKR1</i> gene associated with ethnic neutropenia in a cohort of European patients with chronic idiopathic neutropenia. <i>American Journal of Hematology</i> , 2020, 95, F163-F166.	2.0	8
24	Systems-Level Analysis of the Immune Repertoire in Neutropenia Reveal Arrested NK Cell Differentiation and Exhaustion. <i>Blood</i> , 2020, 136, 24-25.	0.6	0
25	The Complement System Is Essential for the Phagocytosis of Mesenchymal Stromal Cells by Monocytes. <i>Frontiers in Immunology</i> , 2019, 10, 2249.	2.2	32
26	Complement as an Immune Barrier in Platelet Transfusion Refractoriness. <i>Transfusion Medicine Reviews</i> , 2019, 33, 231-235.	0.9	10
27	A longer duration of red blood cell storage is associated with a lower hemoglobin increase after blood transfusion: a cohort study. <i>Transfusion</i> , 2019, 59, 1945-1952.	0.8	18
28	HLA-selected platelets for platelet refractory patients with HLA antibodies: a single-center experience. <i>Transfusion</i> , 2019, 59, 945-952.	0.8	21
29	Male sex and the pattern of recurrent myeloid mutations are strong independent predictors of blood transfusion intensity in patients with myelodysplastic syndromes. <i>Leukemia</i> , 2019, 33, 522-527.	3.3	7
30	Adding to the complexity of fetal and neonatal alloimmune thrombocytopenia: Reduced fibrinogen binding in the presence of anti-HPA-1a antibody and hypo-responsive neonatal platelets. <i>Thrombosis Research</i> , 2018, 162, 69-76.	0.8	5
31	Cryopreservation of buffy coat-derived platelet concentrates photochemically treated with amotosalen and UVA light. <i>Transfusion</i> , 2018, 58, 2657-2668.	0.8	23
32	Anti-D quantification in relation to anti-D titre, middle cerebral artery Doppler measurement and clinical outcome in RhD-immunized pregnancies. <i>Vox Sanguinis</i> , 2018, 113, 779-786.	0.7	5
33	Ethnic benign neutropenia: A phenomenon finds an explanation. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27361.	0.8	24
34	Ibrutinib induces rapid down-regulation of inflammatory markers and altered transcription of chronic lymphocytic leukaemia-related genes in blood and lymph nodes. <i>British Journal of Haematology</i> , 2018, 183, 212-224.	1.2	13
35	Inhibitory Receptor Crosslinking Quantitatively Dampens Calcium Flux Induced by Activating Receptor Triggering in NK Cells. <i>Frontiers in Immunology</i> , 2018, 9, 3173.	2.2	9
36	HLA-stripped platelets: preclinical developments and clinical outlooks. <i>ISBT Science Series</i> , 2017, 12, 148-153.	1.1	0

#	ARTICLE	IF	CITATIONS
37	<sc>TLR</sc>â€stimulated Eosinophils Mediate Recruitment and Activation of <sc>NK</sc> Cells <i>In Vivo</i>. Scandinavian Journal of Immunology, 2017, 85, 417-424.	1.3	16
38	Expression of CD226 is associated to but not required for NK cell education. Nature Communications, 2017, 8, 15627.	5.8	48
39	The Ablâ€1 Kinase is Dispensable for <sc>NK</sc> Cell Inhibitory Signalling and is not Involved in Murine <sc>NK</sc> Cell Education. Scandinavian Journal of Immunology, 2017, 86, 135-142.	1.3	8
40	Storage of red blood cells in a novel polyolefin blood container: a pilot <i>in vitro</i> study. Vox Sanguinis, 2017, 112, 33-39.	0.7	6
41	Activated NK cells cause placental dysfunction and miscarriages in fetal alloimmune thrombocytopenia. Nature Communications, 2017, 8, 224.	5.8	77
42	Characterisation of maternal human leukocyte antigen class I antibodies in suspected foetal and neonatal alloimmune thrombocytopenia. Transfusion Medicine, 2017, 27, 43-51.	0.5	5
43	Platelets made HLA deficient by acid treatment aggregate normally and escape destruction by complement and phagocytes in the presence of HLA antibodies. Transfusion, 2016, 56, 370-382.	0.8	30
44	In vivo engineering of mobilized stem cell grafts with the immunomodulatory drug FTY720 for allogeneic transplantation. European Journal of Immunology, 2016, 46, 1758-1769.	1.6	2
45	Independent control of natural killer cell responsiveness and homeostasis at steady-state by CD11c+ dendritic cells. Scientific Reports, 2016, 6, 37996.	1.6	18
46	Sensitive detection of platelet-specific antibodies with a modified MAIPA using biotinylated antibodies and streptavidin-coated beads. Journal of Immunological Methods, 2016, 434, 9-15.	0.6	11
47	How we diagnose and treat neutropenia in adults. Expert Review of Hematology, 2016, 9, 479-487.	1.0	25
48	Retuning of Mouse NK Cells after Interference with MHC Class I Sensing Adjusts Self-Tolerance but Preserves Anticancer Response. Cancer Immunology Research, 2016, 4, 113-123.	1.6	17
49	Depletion of ILâ€2 receptor Î²â€positive cells protects from diabetes in nonâ€obese diabetic mice. Immunology and Cell Biology, 2016, 94, 177-184.	1.0	6
50	Selection, tuning, and adaptation in mouse <sc>NK</sc> cell education. Immunological Reviews, 2015, 267, 167-177.	2.8	34
51	Dynamic Regulation of NK Cell Responsiveness. Current Topics in Microbiology and Immunology, 2015, 395, 95-114.	0.7	27
52	Random aggregates in newly produced platelet units are associated with platelet activation and release of the immunomodulatory factors <sc>sCD</sc>40<sc>L</sc> and <sc>RANTES</sc>. Transfusion, 2014, 54, 602-612.	0.8	22
53	Natural Killer Cell Inhibitory Receptor Expression in Humans and Mice: A Closer Look. Frontiers in Immunology, 2013, 4, 65.	2.2	34
54	A severe haemolytic transfusion reaction caused by anti-Le(a) active at 37 Â°C. Blood Transfusion, 2013, 11, 456-9.	0.3	14

#	ARTICLE	IF	CITATIONS
55	Skewing of the NK Cell Repertoire by MHC Class I via Quantitatively Controlled Enrichment and Contraction of Specific Ly49 Subsets. <i>Journal of Immunology</i> , 2012, 188, 2218-2226.	0.4	48
56	A Modified FCCS Procedure Applied to Ly49A-MHC Class I cis-Interaction Studies in Cell Membranes. <i>Biophysical Journal</i> , 2011, 101, 1257-1269.	0.2	23
57	Current perspectives of natural killer cell education by MHC class I molecules. <i>Nature Reviews Immunology</i> , 2010, 10, 724-734.	10.6	195
58	Natural Killer Cell Tolerance Persists Despite Significant Reduction of Self MHC Class I on Normal Target Cells in Mice. <i>PLoS ONE</i> , 2010, 5, e13174.	1.1	26
59	Probing Natural Killer Cell Education by Ly49 Receptor Expression Analysis and Computational Modelling in Single MHC Class I Mice. <i>PLoS ONE</i> , 2009, 4, e6046.	1.1	26
60	A Role for cis Interaction between the Inhibitory Ly49A Receptor and MHC Class I for Natural Killer Cell Education. <i>Immunity</i> , 2009, 30, 337-347.	6.6	111
61	NK cell education: not an on-off switch but a tunable rheostat. <i>Trends in Immunology</i> , 2009, 30, 143-149.	2.9	218
62	The strength of inhibitory input during education quantitatively tunes the functional responsiveness of individual natural killer cells. <i>Blood</i> , 2009, 113, 2434-2441.	0.6	218
63	NCRs and DNAM-1 mediate NK cell recognition and lysis of human and mouse melanoma cell lines in vitro and in vivo. <i>Journal of Clinical Investigation</i> , 2009, 119, 1251-1263.	3.9	313
64	Increased diabetes development and decreased function of CD4 <sup>+</sup> CD25 <sup>+</sup> Treg in the absence of a functional DAP12 adaptor protein. <i>European Journal of Immunology</i> , 2008, 38, 3191-3199.	1.6	8
65	Beyond licensing and disarming: A quantitative view on NK cell education. <i>European Journal of Immunology</i> , 2008, 38, 2934-2937.	1.6	53
66	TCR repertoire dynamics in the pancreatic lymph nodes of non-obese diabetic (NOD) mice at the time of disease initiation. <i>Molecular Immunology</i> , 2008, 45, 3059-3064.	1.0	6
67	Modeling the influence of molecule and cell surface micro-domain distribution on the formation of T cell immunological synapses. , 2007, , .		1
68	Quantifying the reduction in accessibility of the inhibitory NK cell receptor Ly49A caused by binding MHC class I proteins in cis. <i>European Journal of Immunology</i> , 2007, 37, 516-527.	1.6	39
69	The dynamics of natural killer cell tolerance. <i>Seminars in Cancer Biology</i> , 2006, 16, 393-403.	4.3	9
70	Induced peripheral regulatory T cells: The family grows larger. <i>European Journal of Immunology</i> , 2006, 36, 264-266.	1.6	21
71	DNA Damage and Tumor Surveillance: One Trigger for Two Pathways. <i>Science Signaling</i> , 2006, 2006, pe2-pe2.	1.6	22
72	DAP12 Signaling Regulates Plasmacytoid Dendritic Cell Homeostasis and Down-Modulates Their Function during Viral Infection. <i>Journal of Immunology</i> , 2006, 177, 2908-2916.	0.4	49

#	ARTICLE	IF	CITATIONS
73	Natural killer cell education in mice with single or multiple major histocompatibility complex class I molecules. <i>Journal of Experimental Medicine</i> , 2005, 201, 1145-1155.	4.2	133
74	NK cells: elusive players in autoimmunity. <i>Trends in Immunology</i> , 2005, 26, 613-618.	2.9	102
75	Low Number of H-2Dd-Negative Haematopoietic Cells in Mixed Bone Marrow Chimeras Convey In Vivo Tolerance to H-2Dd-Negative Cells But Fail to Prevent Resistance to H-2Dd-Negative Leukaemia. <i>Scandinavian Journal of Immunology</i> , 2004, 59, 71-78.	1.3	12
76	Inhibition of the Proteasome Reduces Transfer-Induced Diabetes in Nonobese Diabetic Mice. <i>Scandinavian Journal of Immunology</i> , 2004, 60, 134-142.	1.3	6
77	Loss or mismatch of MHC class I is sufficient to trigger NK cell-mediated rejection of resting lymphocytes in vivo: role of KARAP/DAP12-dependent and -independent pathways. <i>European Journal of Immunology</i> , 2004, 34, 1646-1653.	1.6	75
78	The protean immune cell synapse: a supramolecular structure with many functions. <i>Seminars in Immunology</i> , 2003, 15, 317-324.	2.7	28
79	The uterine cervix—a new member of the family of immunologically exceptional sites?. <i>Cancer Immunity</i> , 2003, 3, 6.	3.2	6
80	Acquisition of External Major Histocompatibility Complex Class I Molecules by Natural Killer Cells Expressing Inhibitory Ly49 Receptors. <i>Journal of Experimental Medicine</i> , 2001, 194, 1519-1530.	4.2	94
81	Differential effects on T cell and NK cell development by tissue-specific expression of H-2Dd transgene. <i>European Journal of Immunology</i> , 2000, 30, 525-533.	1.6	3
82	Natural killing of MHC class I lymphoblasts by NK cells from long-term bone marrow culture requires effector cell expression of Ly49 receptors. <i>International Immunology</i> , 1999, 11, 1239-1246.	1.8	12
83	Initiation of Autoimmune Diabetes by Developmentally Regulated Presentation of Islet Cell Antigens in the Pancreatic Lymph Nodes. <i>Journal of Experimental Medicine</i> , 1999, 189, 331-339.	4.2	366
84	I $\beta$ 2-microglobulin-deficient NK cells show increased sensitivity to MHC class I-mediated inhibition, but self tolerance does not depend upon target cell expression of H-2Kb and Db heavy chains. <i>European Journal of Immunology</i> , 1998, 28, 370-378.	1.6	49
85	I $\pm$ 1 domains of H-2Dd, but not H-2Ld, induce missing self-reactivity in vivo: No effect of H-2Ld on protection against NK cells expressing the inhibitory receptor Ly49G2. <i>European Journal of Immunology</i> , 1998, 28, 4198-4206.	1.6	26
86	External and internal calibration of the MHC class I-specific receptor Ly49A on murine natural killer cells. <i>Journal of Immunology</i> , 1998, 161, 6133-8.	0.4	39
87	Natural Killer Cell Tolerance in Mice with Mosaic Expression of Major Histocompatibility Complex Class I Transgene. <i>Journal of Experimental Medicine</i> , 1997, 186, 353-364.	4.2	123
88	Host MHC class I gene control of NK-cell specificity in the mouse. <i>Immunological Reviews</i> , 1997, 155, 11-28.	2.8	145
89	Lack of F1 anti-parental resistance in H-2b/d F1 hybrids devoid of I $\beta$ 2-microglobulin. <i>European Journal of Immunology</i> , 1997, 27, 342-345.	1.6	4
90	Inhibition of natural killer cell-mediated bone marrow graft rejection by allogeneic major histocompatibility complex class I, but not class II molecules. <i>European Journal of Immunology</i> , 1995, 25, 1286-1291.	1.6	32

#	ARTICLE	IF	CITATIONS
91	Generation and control of metastasis in experimental tumor systems; inhibition of experimental metastases by a tilorone analogue. <i>International Journal of Cancer</i> , 1993, 54, 518-523.	2.3	13
92	Role of major histocompatibility complex class I alpha 1/alpha 2 domain polymorphism and in vivo expression pattern in tumor resistance: studies with transgenic mice and lymphoma cell transfectants. <i>Journal of Immunotherapy With Emphasis on Tumor Immunology</i> , 1993, 14, 175-81.	0.3	1
93	Recognition of beta 2-microglobulin-negative (beta 2m-) T-cell blasts by natural killer cells from normal but not from beta 2m- mice: nonresponsiveness controlled by beta 2m- bone marrow in chimeric mice.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 10332-10336.	3.3	239
94	Different types of allospecific CTL clones identified by their ability to recognize peptide loading-defective target cells. <i>European Journal of Immunology</i> , 1991, 21, 2767-2774.	1.6	65
95	The RMA-S lymphoma mutant; consequences of a peptide loading defect on immunological recognition and graft rejection. <i>International Journal of Cancer</i> , 1991, 47, 38-44.	2.3	68
96	Alteration of the natural killer repertoire in H-2 transgenic mice: specificity of rapid lymphoma cell clearance determined by the H-2 phenotype of the target.. <i>Journal of Experimental Medicine</i> , 1991, 174, 327-334.	4.2	60
97	Empty MHC class I molecules come out in the cold. <i>Nature</i> , 1990, 346, 476-480.	13.7	905
98	Prevention of allogeneic bone marrow graft rejection by H-2 transgene in donor mice. <i>Science</i> , 1989, 246, 666-668.	6.0	201
99	Natural resistance against lymphoma grafts conveyed by H-2Dd transgene to C57BL mice.. <i>Journal of Experimental Medicine</i> , 1988, 168, 1469-1474.	4.2	98
100	A Brief IL-15 Pulse Results in JAK3-Dependent Phosphorylation of ITAM-Associated Signaling Molecules and a Long-Lasting Priming Imprint in Mouse NK Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
101	FOXO1 and FOXO3 Cooperatively Regulate Innate Lymphoid Cell Development. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
102	<scp>ABO</scp> , secretor, and Lewis carbohydrate histoâ€blood groups are associated with autoimmune neutropenia of early childhood in Danish patients. <i>Transfusion</i> , 0, , .	0.8	4