

# Nienke Vrisekoop

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,264  
citations

516710

16  
h-index

395702

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparse production but preferential incorporation of recently produced na <sup>+</sup> ve T cells in the human peripheral pool. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6115-6120.	7.1	189
2	Plasticity of Lgr5-Negative Cancer Cells Drives Metastasis in Colorectal Cancer. <i>Cell Stem Cell</i> , 2020, 26, 569-578.e7.	11.1	180
3	On the origin of low-density neutrophils. <i>Journal of Leukocyte Biology</i> , 2020, 107, 809-818.	3.3	90
4	Human CD62Ldim neutrophils identified as a separate subset by proteome profiling and in vivo pulse-chase labeling. <i>Blood</i> , 2017, 129, 3476-3485.	1.4	86
5	Neutrophil phenotypes in health and disease. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12943.	3.4	84
6	Revisiting Thymic Positive Selection and the Mature T Cell Repertoire for Antigen. <i>Immunity</i> , 2014, 41, 181-190.	14.3	76
7	Differential antibacterial control by neutrophil subsets. <i>Blood Advances</i> , 2018, 2, 1344-1355.	5.2	70
8	Neutrophil Functional Heterogeneity: Identification of Competitive Phagocytosis. <i>Frontiers in Immunology</i> , 2017, 8, 1498.	4.8	53
9	Immature Neutrophils Released in Acute Inflammation Exhibit Efficient Migration despite Incomplete Segmentation of the Nucleus. <i>Journal of Immunology</i> , 2019, 202, 207-217.	0.8	33
10	Response: The in vivo half-life of human neutrophils. <i>Blood</i> , 2011, 117, 6053-6054.	1.4	32
11	Automated flow cytometry enables high performance point-of-care analysis of leukocyte phenotypes. <i>Journal of Immunological Methods</i> , 2019, 474, 112646.	1.4	32
12	Quantification of naive and memory T-cell turnover during HIV-1 infection. <i>Aids</i> , 2015, 29, 2071-2080.	2.2	28
13	Differentiation and activation of eosinophils in the human bone marrow during experimental human endotoxemia. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1665-1671.	3.3	26
14	Kinetics of Neutrophil Subsets in Acute, Subacute, and Chronic Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 674079.	4.8	26
15	Procedures and applications of long-term intravital microscopy. <i>Methods</i> , 2017, 128, 52-64.	3.8	24
16	Point-of-Care Analysis of Neutrophil Phenotypes: A First Step Toward Immuno-Based Precision Medicine in the Trauma ICU. , 2020, 2, e0158.		24
17	Flow cytometric evaluation of the neutrophil compartment in COVID-19 at hospital presentation: A normal response to an abnormal situation. <i>Journal of Leukocyte Biology</i> , 2021, 109, 99-114.	3.3	19
18	CD5 levels define functionally heterogeneous populations of na <sup>+</sup> ve human CD4 <sup>+</sup> T cells. <i>European Journal of Immunology</i> , 2021, 51, 1365-1376.	2.9	18

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19	Characterization of the phenotype of human eosinophils and their progenitors in the bone marrow of healthy individuals. <i>Haematologica</i> , 2020, 105, e52-e56.	3.5	17
20	A field-applicable method for flow cytometric analysis of granulocyte activation: Cryopreservation of fixed granulocytes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 540-547.	1.5	15
21	Multi-dimensional flow cytometry analysis reveals increasing changes in the systemic neutrophil compartment during seven consecutive days of endurance exercise. <i>PLoS ONE</i> , 2018, 13, e0206175.	2.5	14
22	Trovafloxacin-Induced Liver Injury: Lack in Regulation of Inflammation by Inhibition of Nucleotide Release and Neutrophil Movement. <i>Toxicological Sciences</i> , 2019, 167, 385-396.	3.1	13
23	Weakly self-reactive T cell clones can homeostatically expand when present at low numbers. <i>European Journal of Immunology</i> , 2017, 47, 68-73.	2.9	11
24	The Systemic Immune Response in COVID-19 Is Associated with a Shift to Formyl-Peptide Unresponsive Eosinophils. <i>Cells</i> , 2021, 10, 1109.	4.1	11
25	Differential effects of short- and long-term treatment with mepolizumab on eosinophil kinetics in blood and sputum in eosinophilic asthma. <i>IScience</i> , 2021, 24, 102913.	4.1	11
26	Automated flow cytometric identification of disease-specific cells by the ECLIPSE algorithm. <i>Scientific Reports</i> , 2018, 8, 10907.	3.3	10
27	An increase in CD62L <sup>dim</sup> neutrophils precedes the development of pulmonary embolisms in COVID-19 patients. <i>Scandinavian Journal of Immunology</i> , 2021, 93, e13023.	2.7	10
28	Reconciling Longitudinal Naive T-Cell and TREC Dynamics during HIV-1 Infection. <i>PLoS ONE</i> , 2016, 11, e0152513.	2.5	10
29	Analysis of human neutrophil phenotypes as biomarker to monitor exercise-induced immune changes. <i>Journal of Leukocyte Biology</i> , 2021, 109, 833-842.	3.3	9
30	New automated analysis to monitor neutrophil function point-of-care in the intensive care unit after trauma. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 12.	1.9	8
31	A comprehensive three-dimensional assay to assess neutrophil defense against bacteria. <i>Journal of Immunological Methods</i> , 2018, 462, 83-90.	1.4	7
32	Transformation of multicolour flow cytometry data with <i>OTflow</i> prevents misleading multivariate analysis results and incorrect immunological conclusions. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 72-85.	1.5	7
33	Refractory neutrophils and monocytes in patients with inflammatory bowel disease after repeated bouts of prolonged exercise. <i>Cytometry Part B - Clinical Cytometry</i> , 2021, 100, 676-682.	1.5	6
34	Instant intra-operative neutropenia despite the emergence of banded (CD16 <sup>dim</sup> /CD62L <sup>bright</sup> ) neutrophils in peripheral blood - An observational study during extensive trauma-surgery in pigs. <i>Injury</i> , 2021, 52, 426-433.	1.7	5
35	Two-Photon Intravital Microscopy Animal Preparation Protocol to Study Cellular Dynamics in Pathogenesis. <i>Methods in Molecular Biology</i> , 2017, 1563, 51-71.	0.9	4
36	In vivo characteristics of human and mouse breast tumor cell lines. <i>Experimental Cell Research</i> , 2019, 381, 86-93.	2.6	4

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37	Multi-set Pre-processing of Multicolor Flow Cytometry Data. Scientific Reports, 2020, 10, 9716.	3.3	2