

# Cornelis A M Van Bergen

## List of Publications by Year in descending order

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63  
papers

2,031  
citations

257357

24  
h-index

243529

44  
g-index

64  
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64  
docs citations

64  
times ranked

2611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Remission of Accelerated Phase Chronic Myeloid Leukemia by Treatment With Leukemia-Reactive Cytotoxic T Lymphocytes. <i>Blood</i> , 1999, 94, 1201-1208.	0.6	260
2	Autoreactive CD8 T cells associated with $\beta$ cell destruction in type 1 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18425-18430.	3.3	252
3	Autosomal Minor Histocompatibility Antigens: How Genetic Variants Create Diversity in Immune Targets. <i>Frontiers in Immunology</i> , 2016, 7, 100.	2.2	109
4	Selective graft-versus-leukemia depends on magnitude and diversity of the alloreactive T cell response. <i>Journal of Clinical Investigation</i> , 2017, 127, 517-529.	3.9	107
5	High-Throughput Characterization of 10 New Minor Histocompatibility Antigens by Whole Genome Association Scanning. <i>Cancer Research</i> , 2010, 70, 9073-9083.	0.4	104
6	Multiple myeloma-reactive T cells recognize an activation-induced minor histocompatibility antigen encoded by the ATP-dependent interferon-responsive (ADIR) gene. <i>Blood</i> , 2007, 109, 4089-4096.	0.6	90
7	Generation of dendritic cells expressing bcr-abl from CD34-positive chronic myeloid leukemia precursor cells. <i>Human Immunology</i> , 1997, 53, 216-223.	1.2	88
8	T cells recognizing leukemic CD34+ progenitor cells mediate the antileukemic effect of donor lymphocyte infusions for relapsed chronic myeloid leukemia after allogeneic stem cell transplantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 10152-10157.	3.3	85
9	HLA class II upregulation during viral infection leads to HLA-DP-directed graft-versus-host disease after CD4+ donor lymphocyte infusion. <i>Blood</i> , 2013, 122, 1963-1973.	0.6	78
10	Lectins from opportunistic bacteria interact with acquired variable-region glycans of surface immunoglobulin in follicular lymphoma. <i>Blood</i> , 2015, 125, 3287-3296.	0.6	66
11	Identification of 4 new HLA-DR-restricted minor histocompatibility antigens as hematopoietic targets in antitumor immunity. <i>Blood</i> , 2009, 114, 3684-3692.	0.6	64
12	Allo-HLA-reactive T cells inducing graft-versus-host disease are single peptide specific. <i>Blood</i> , 2011, 118, 6733-6742.	0.6	64
13	<i>IGHV3-21</i> is an inherited risk factor for CLL through the acquisition of a single-point mutation enabling autonomous BCR signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4320-4327.	3.3	55
14	Phase I/II feasibility study evaluating the generation of leukemia-reactive cytotoxic T lymphocyte lines for treatment of patients with relapsed leukemia after allogeneic stem cell transplantation. <i>Haematologica</i> , 2007, 92, 72-80.	1.7	48
15	Comprehensive diagnostics of acute myeloid leukemia by whole transcriptome RNA sequencing. <i>Leukemia</i> , 2021, 35, 47-61.	3.3	47
16	Common Minor Histocompatibility Antigen Discovery Based upon Patient Clinical Outcomes and Genomic Data. <i>PLoS ONE</i> , 2011, 6, e23217.	1.1	47
17	Patient HLA-DP-Specific CD4+ T Cells from HLA-DPB1-Mismatched Donor Lymphocyte Infusion Can Induce Graft-versus-Leukemia Reactivity in the Presence or Absence of Graft-versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2013, 19, 40-48.	2.0	46
18	Identification of 4 novel HLA-B*40:01 restricted minor histocompatibility antigens and their potential as targets for graft-versus-leukemia reactivity. <i>Haematologica</i> , 2012, 97, 1196-1204.	1.7	40

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19	Discovery of T Cell Epitopes Implementing HLA-Peptidomics into a Reverse Immunology Approach. <i>Journal of Immunology</i> , 2013, 190, 3869-3877.	0.4	40
20	Identification of Biological Relevant Minor Histocompatibility Antigens within the B-lymphocyteâ€œDerived HLA-Ligandome Using a Reverse Immunology Approach. <i>Clinical Cancer Research</i> , 2015, 21, 2177-2186.	3.2	36
21	Generation of leukemia-reactive cytotoxic T lymphocytes from HLA-identical donors of patients with chronic myeloid leukemia using modifications of a limiting dilution assay. <i>Bone Marrow Transplantation</i> , 1998, 21, 553-560.	1.3	35
22	CD4 Donor Lymphocyte Infusion Can Cause Conversion of Chimerism Without GVHD by Inducing Immune Responses Targeting Minor Histocompatibility Antigens in HLA Class II. <i>Frontiers in Immunology</i> , 2018, 9, 3016.	2.2	33
23	CD4+ T-cell alloreactivity toward mismatched HLA class II alleles early after double umbilical cord blood transplantation. <i>Blood</i> , 2016, 128, 2165-2174.	0.6	31
24	<sc>ARTISAN PCR</sc>: rapid identification of full-length immunoglobulin rearrangements without primer binding bias. <i>British Journal of Haematology</i> , 2017, 178, 983-986.	1.2	28
25	Integrated Whole Genome and Transcriptome Analysis Identified a Therapeutic Minor Histocompatibility Antigen in a Splice Variant of <i>ITGB2</i>. <i>Clinical Cancer Research</i> , 2016, 22, 4185-4196.	3.2	21
26	T Cells Specific for an Unconventional Natural Antigen Fail to Recognize Leukemic Cells. <i>Cancer Immunology Research</i> , 2019, 7, 797-804.	1.6	15
27	Interleukin-10, interleukin-12, and tumor necrosis factor-Î± differentially influence the proliferation of human CD8 + and CD4 + T-cell clones. <i>Annals of Hematology</i> , 1996, 72, 245-252.	0.8	14
28	LB-ARHGDI1B-1R as a novel minor histocompatibility antigen for therapeutic application. <i>Haematologica</i> , 2015, 100, e419-e422.	1.7	14
29	Acquired N-Linked Glycosylation Motifs in B-Cell Receptors of Primary Cutaneous B-Cell Lymphoma and the Normal B-Cell Repertoire. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2195-2203.	0.3	12
30	The progenitor cell inhibition assay to measure the anti-leukemic reactivity of T cell clones against acute and chronic myeloid leukemia. <i>Methods</i> , 2003, 31, 113-119.	1.9	10
31	Peripheral IgE Repertoires of Healthy Donors Carry Moderate Mutation Loads and Do Not Overlap With Other Isotypes. <i>Frontiers in Immunology</i> , 2019, 10, 1543.	2.2	10
32	Mismatched HLA-DRB3 Can Induce a Potent Immune Response After HLA 10/10 Matched Stem Cell Transplantation. <i>Transplantation</i> , 2017, 101, 2850-2854.	0.5	8
33	Optimized Whole Genome Association Scanning for Discovery of HLA Class I-Restricted Minor Histocompatibility Antigens. <i>Frontiers in Immunology</i> , 2020, 11, 659.	2.2	8
34	Genomics as a Tool for Antigen Discovery in Allogeneic Stem Cell Transplantation: Identification of the Minor Antigen T4A through Donor/Patient Polymorphism Disparities. <i>Blood</i> , 2008, 112, 3907-3907.	0.6	8
35	Discovery and Differential Processing of HLA Class II-Restricted Minor Histocompatibility Antigen LB-PIP4K2A-1S and Its Allelic Variant by Asparagine Endopeptidase. <i>Frontiers in Immunology</i> , 2020, 11, 381.	2.2	7
36	Anti-CD45 and anti-CD52 (Campath) monoclonal antibodies effectively eliminate systematically disseminated human non-Hodgkin's lymphoma B cells in Scid mice. <i>Experimental Hematology</i> , 1996, 24, 919-926.	0.2	7

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37	Human Cytotoxic CD8+ T-Lymphocyte Clones Engraft in Severe Combined Immunodeficient (SCID) Mice but Show Diminished Function. <i>Journal of Immunotherapy</i> , 1997, 20, 101-110.	1.2	6
38	Complete Remission of Accelerated Phase Chronic Myeloid Leukemia by Treatment With Leukemia-Reactive Cytotoxic T Lymphocytes. <i>Blood</i> , 1999, 94, 1201-1208.	0.6	6
39	Double Umbilical Cord Blood Transplantation in High-Risk Hematological Patients: A Phase II Study Focusing on the Mechanism of Graft Predominance. <i>HemaSphere</i> , 2019, 3, e285.	1.2	5
40	Whole Transcriptome Sequencing (RNAseq) As a Comprehensive, Cost-Efficient Diagnostic Tool for Acute Myeloid Leukemia. <i>Blood</i> , 2016, 128, 1701-1701.	0.6	4
41	Durable Remission of Renal Cell Carcinoma in Conjunction with Graft versus Host Disease following Allogeneic Stem Cell Transplantation and Donor Lymphocyte Infusion: Rule or Exception?. <i>PLoS ONE</i> , 2014, 9, e85198.	1.1	4
42	Templated insertions at VD and DJ junctions create unique B-cell receptors in the healthy B-cell repertoire. <i>European Journal of Immunology</i> , 2020, 50, 2099-2101.	1.6	3
43	CACTUS: integrating clonal architecture with genomic clustering and transcriptome profiling of single tumor cells. <i>Genome Medicine</i> , 2021, 13, 45.	3.6	3
44	HLA Class II Upregulation During An Ongoing Viral Infection Can Lead to HLA-DP Directed Graft-Versus-Host Disease After HLA-DPB1 Mismatched CD4+ Donor Lymphocyte Infusion. <i>Blood</i> , 2011, 118, 3062-3062.	0.6	3
45	Primary Cutaneous Follicle Center Lymphomas (PCFCL) Express Heavily Mutated B-Cell Receptors with Acquired N-Glycosylation Motifs and Lack Ongoing Somatic Hypermutation. <i>Blood</i> , 2018, 132, 1573-1573.	0.6	3
46	Evidence for idiotype-directed immunosurveillance is restricted to follicular lymphoma and attributable to somatic hypermutation. <i>Haematologica</i> , 2015, 100, e143-e146.	1.7	2
47	Early CD4+ T-Cell Effector Alloreactivity Towards Multiple Mismatched HLA Class II Alleles Is Associated with Graft Predominance after Double Umbilical Cord Blood Transplantation (dUCBT). <i>Blood</i> , 2015, 126, 387-387.	0.6	1
48	Endogenous Immunoglobulin-Derived Neopeptides Are Processed and Form a Sizeable Fraction of the HLA Class I Ligandome of Human Lymphoma Cells. <i>Blood</i> , 2016, 128, 914-914.	0.6	1
49	High-Throughput BCR Sequencing and Single-Cell Transcriptomics Reveal Distinct Transcriptional Profiles Associated with Subclonal Evolution of Follicular Lymphoma. <i>Blood</i> , 2019, 134, 298-298.	0.6	1
50	Integration of Mutational Signature Analysis with 3D Chromatin Data Unveils Differential AID-Related Mutagenesis in Indolent Lymphomas. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13015.	1.8	1
51	ATP Dependent Interferon Responsive (ADIR) Gene Encodes an Activation Induced Minor Histocompatibility Antigen Recognized on Multiple Myeloma by CD8+ T Cells.. <i>Blood</i> , 2006, 108, 549-549.	0.6	0
52	Identification of Four New HLA Class II Restricted Minor Histocompatibility Antigens Contributing to Graft Versus Leukemia Reactivity.. <i>Blood</i> , 2008, 112, 3247-3247.	0.6	0
53	Diversity of HLA Class I and Class II Restricted Minor Histocompatibility Antigens in Graft-Versus-Leukemia Reactivity.. <i>Blood</i> , 2009, 114, 4084-4084.	0.6	0
54	High Throughput Minor Histocompatibility Antigen Discovery by Whole Genome Association Scanning.. <i>Blood</i> , 2009, 114, 685-685.	0.6	0

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55	HLA-Peptidomics and the Identification of Clinical Relevant Minor Histocompatibility Antigens,. Blood, 2011, 118, 4038-4038.	0.6	0
56	Purified CD4 T Lymphocyte Infusion Can Result in Graft-Versus-Leukemia Reactivity without Gvhd by Recognition of Broadly Expressed Minor Histocompatibility Antigens in HLA Class-II. Blood, 2012, 120, 4116-4116.	0.6	0
57	Durable Remission of Renal Cell Carcinoma After Donor Lymphocyte Infusion Is Unavoidably Linked with Graft Versus Host Disease As Illustrated by the Detection of Allo Reactive T Cells Recognizing a Novel Minor Histocompatibility Antigen Encoded by the FUCA2 Gene. Blood, 2012, 120, 4467-4467.	0.6	0
58	Graft Versus Leukemia Separates From Graft Versus Host Disease By Magnitude and Avidity Of The Allo-Reactive T Cell Response After Allogeneic Stem Cell Transplantation and Donor Lymphocyte Infusion. Blood, 2013, 122, 2014-2014.	0.6	0
59	LB-ARHGDI1B-1R As Novel Minor Histocompatibility Antigen For Therapeutic Application. Blood, 2013, 122, 4465-4465.	0.6	0
60	Massive Parallel Sequencing of Full-Length B-Cell Receptor Sequences Reveals HLA-Dependent Shaping of the B-Cell Immune Repertoire. Blood, 2014, 124, 4143-4143.	0.6	0
61	Whole Transcriptome RNA Sequencing As a Comprehensive Diagnostic Tool for Acute Myeloid Leukemia. Blood, 2018, 132, 2762-2762.	0.6	0
62	Differential Genome-Wide Mutational Patterns in Indolent B-Cell Lymphomas. Blood, 2018, 132, 4102-4102.	0.6	0
63	"Snapshotting" Somatic Hypermutation in Single Follicular Lymphoma Cells. Blood, 2021, 138, 1151-1151.	0.6	0