

# Arend Mulder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1343719/publications.pdf>

Version: 2024-02-01

60  
papers

3,061  
citations

218677

26  
h-index

168389

53  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokine-induced memory-like natural killer cells exhibit enhanced responses against myeloid leukemia. <i>Science Translational Medicine</i> , 2016, 8, 357ra123.	12.4	621
2	Maternal activating KIRs protect against human reproductive failure mediated by fetal HLA-C2. <i>Journal of Clinical Investigation</i> , 2010, 120, 4102-4110.	8.2	425
3	Peptide antagonism as a mechanism for NK cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10160-10165.	7.1	139
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.	8.2	107
5	High-Throughput Characterization of 10 New Minor Histocompatibility Antigens by Whole Genome Association Scanning. <i>Cancer Research</i> , 2010, 70, 9073-9083.	0.9	104
6	The Impact of Amino Acid Variability on Alloreactivity Defines a Functional Distance Predictive of Permissive HLA-DPB1 Mismatches in Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 233-241.	2.0	95
7	Human monoclonal HLA antibodies reveal interspecies crossreactive swine MHC class I epitopes relevant for xenotransplantation. <i>Molecular Immunology</i> , 2010, 47, 809-815.	2.2	91
8	HLA Class I Antibodies Trigger Increased Adherence of Monocytes to Endothelial Cells by Eliciting an Increase in Endothelial P-Selectin and, Depending on Subclass, by Engaging Fcγ3Rs. <i>Journal of Immunology</i> , 2013, 190, 6635-6650.	0.8	88
9	KIR2DS2 recognizes conserved peptides derived from viral helicases in the context of HLA-C. <i>Science Immunology</i> , 2017, 2, .	11.9	78
10	First report on the antibody verification of HLA-DR, HLA-DQ and HLA-DP epitopes recorded in the HLA Epitope Registry. <i>Human Immunology</i> , 2014, 75, 1097-1103.	2.4	75
11	Loss or downregulation of HLA class I expression at the allelic level in acute leukemia is infrequent but functionally relevant, and can be restored by interferon. <i>Human Immunology</i> , 2002, 63, 200-210.	2.4	72
12	Differential immunogenicity of HLA mismatches in clinical transplantation. <i>Transplant Immunology</i> , 2005, 14, 187-191.	1.2	68
13	Structural aspects of HLA class I epitopes reacting with human monoclonal antibodies in Ig-binding, C1q-binding and lymphocytotoxicity assays. <i>Human Immunology</i> , 2013, 74, 1271-1279.	2.4	62
14	HLAMatchmaker-Based Analysis of Human Monoclonal Antibody Reactivity Demonstrates the Importance of an Additional Contact Site for Specific Recognition of Triplet-Defined Epitopes. <i>Human Immunology</i> , 2005, 66, 749-761.	2.4	55
15	The SPPL3-Defined Glycosphingolipid Repertoire Orchestrates HLA Class I-Mediated Immune Responses. <i>Immunity</i> , 2021, 54, 132-150.e9.	14.3	52
16	Human Monoclonal Antibody Reactivity With Human Leukocyte Antigen Class I Epitopes Defined by Pairs of Mismatched Eplets and Self-Eplets. <i>Transplantation</i> , 2010, 90, 1468-1472.	1.0	51
17	Identification, Isolation, and Culture of HLA-A2-Specific B Lymphocytes Using MHC Class I Tetramers. <i>Journal of Immunology</i> , 2003, 171, 6599-6603.	0.8	50
18	Impact of Peptides on the Recognition of HLA Class I Molecules by Human HLA Antibodies. <i>Journal of Immunology</i> , 2005, 175, 5950-5957.	0.8	46

#	ARTICLE	IF	CITATIONS
19	NLRP2 is a suppressor of NF- $\kappa$ B signaling and HLA-C expression in human trophoblasts. <i>Biology of Reproduction</i> , 2017, 96, 831-842.	2.7	45
20	Structural aspects of human leukocyte antigen class I epitopes detected by human monoclonal antibodies. <i>Human Immunology</i> , 2012, 73, 267-277.	2.4	42
21	Reactivity of Twenty-two Cytotoxic Human Monoclonal HLA Antibodies Towards Soluble HLA Class I in an Enzyme-Linked Immunosorbent Assay (PRA-STAT <sup>®</sup> ). <i>Human Immunology</i> , 1997, 56, 106-113.	2.4	40
22	Characterization of donor and recipient CD8+ tissue-resident memory T cells in transplant nephrectomies. <i>Scientific Reports</i> , 2019, 9, 5984.	3.3	40
23	Proteasome Inhibition Profoundly Affects Activated Human B Cells. <i>Transplantation</i> , 2013, 95, 1331-1337.	1.0	38
24	Precision Engineering of an Anti-HLA-A2 Chimeric Antigen Receptor in Regulatory T Cells for Transplant Immune Tolerance. <i>Frontiers in Immunology</i> , 2021, 12, 686439.	4.8	37
25	The long and winding road towards epitope matching in clinical transplantation. <i>Transplant International</i> , 2019, 32, 16-24.	1.6	35
26	Tissue-specific endothelial cell heterogeneity contributes to unequal inflammatory responses. <i>Scientific Reports</i> , 2021, 11, 1949.	3.3	34
27	HLA-C Expression on Platelets: Studies with an HLA-Cw1-Specific Human Monoclonal Antibody. <i>Vox Sanguinis</i> , 2000, 79, 108-111.	1.5	33
28	High frequency of allele-specific down-regulation of HLA class I expression in uveal melanoma cell lines. , 2000, 85, 697-702.		30
29	Peptide selectivity discriminates NK cells from KIR2DL2 <sup>+</sup> and KIR2DL3 <sup>+</sup> individuals. <i>European Journal of Immunology</i> , 2015, 45, 492-500.	2.9	26
30	HLA Expression in Uveal Melanoma: An Indicator of Malignancy and a Modifiable Immunological Target. <i>Cancers</i> , 2019, 11, 1132.	3.7	24
31	Anti-HLA antibodies with complementary and synergistic interaction geometries promote classical complement activation on platelets. <i>Haematologica</i> , 2019, 104, 403-416.	3.5	23
32	A subset of anti-HLA antibodies induces Fc $\gamma$ RIIa-dependent platelet activation. <i>Haematologica</i> , 2018, 103, 1741-1752.	3.5	21
33	Platelets from donors with consistently low HLA-B8, -B12, or -B35 expression do not undergo antibody-mediated internalization. <i>Blood</i> , 2018, 131, 144-152.	1.4	20
34	The Vacuolar Pathway of Long Peptide Cross-Presentation Can Be TAP Dependent. <i>Journal of Immunology</i> , 2019, 202, 451-459.	0.8	19
35	Prolongation of allograft survival by passenger donor regulatory T cells. <i>American Journal of Transplantation</i> , 2019, 19, 1371-1379.	4.7	19
36	Usefulness of the Nonself-Self Algorithm of HLA Epitope Immunogenicity in the Specificity Analysis of Monospecific Antibodies Induced during Pregnancy. <i>Frontiers in Immunology</i> , 2015, 6, 180.	4.8	18

#	ARTICLE	IF	CITATIONS
37	Multiple E2 ubiquitin-conjugating enzymes regulate human cytomegalovirus US2-mediated immunoreceptor downregulation. <i>Journal of Cell Science</i> , 2017, 130, 2883-2892.	2.0	18
38	ERAP2 Increases the Abundance of a Peptide Submotif Highly Selective for the Birdshot Uveitis-Associated HLA-A29. <i>Frontiers in Immunology</i> , 2021, 12, 634441.	4.8	18
39	A Comprehensive Evaluation of the Antibody-Verified Status of Eplets Listed in the HLA Epitope Registry. <i>Frontiers in Immunology</i> , 2021, 12, 800946.	4.8	18
40	Fc galactosylation of anti-platelet human IgG1 alloantibodies enhances complement activation on platelets. <i>Haematologica</i> , 2022, 107, 2432-2444.	3.5	17
41	Selective downregulation of HLA-Ĉ and HLA-Ė in childhood acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2016, 174, 477-480.	2.5	16
42	Direct quantitative measurement of the kinetics of HLA-specific antibody interactions with isolated HLA proteins. <i>Human Immunology</i> , 2018, 79, 122-128.	2.4	16
43	Complex MHC Class I Gene Transcription Profiles and Their Functional Impact in Orangutans. <i>Journal of Immunology</i> , 2016, 196, 750-758.	0.8	15
44	Distinction between HLA class I-positive and -negative cervical tumor subpopulations by multiparameter DNA flow cytometry. <i>Cytometry</i> , 2000, 41, 73-80.	1.8	14
45	Antibody-induced vascular inflammation skews infiltrating macrophages to a novel remodeling phenotype in a model of transplant rejection. <i>American Journal of Transplantation</i> , 2020, 20, 2686-2702.	4.7	14
46	Enhanced antigen cross-presentation in human colorectal cancer-associated fibroblasts through upregulation of the lysosomal protease cathepsin S. , 2022, 10, e003591.		13
47	HLA Class I Antigen Expression in Conjunctival Melanoma Is Not Associated With PD-L1/PD-1 Status. , 2018, 59, 1005.		12
48	Measuring anti-HLA antibody active concentration and affinity by surface plasmon resonance: Comparison with the luminex single antigen flow beads and T-cell flow cytometry crossmatch results. <i>Molecular Immunology</i> , 2019, 108, 34-44.	2.2	12
49	Recombinant human monoclonal HLA antibodies of different IgG subclasses recognising the same epitope: Excellent tools to study differential effects of donor-specific antibodies. <i>Hla</i> , 2019, 94, 415-424.	0.6	11
50	No Evidence for Cross-reactivity of Virus-specific Antibodies With HLA Alloantigens. <i>Transplantation</i> , 2018, 102, 1844-1849.	1.0	9
51	HLA-C Expression on Platelets: Studies with an HLA-Cw1-Specific Human Monoclonal Antibody. <i>Vox Sanguinis</i> , 2000, 79, 108-111.	1.5	9
52	Determining the extent of maternal-foetal chimerism in cord blood. <i>Scientific Reports</i> , 2019, 9, 5247.	3.3	8
53	PAKC: A novel panel of HLA class I antigen presentation machinery knockout cells from the same genetic origin. <i>European Journal of Immunology</i> , 2021, 51, 734-737.	2.9	6
54	Validation of human monoclonal HLA Class I antibodies to evaluate the kinetics of donor chimerism in different cell subsets after double-cord-blood transplantation in the NOD/SCID model. <i>Transfusion</i> , 2013, 53, 104-114.	1.6	4

#	ARTICLE	IF	CITATIONS
55	An HLA-A*11:01-Binding Neoantigen from Mutated NPM1 as Target for TCR Gene Therapy in AML. <i>Cancers</i> , 2021, 13, 5390.	3.7	3
56	Response to the comments on "Direct quantitative measurement of the kinetics of HLA-specific antibody interactions with isolated HLA proteins". <i>Human Immunology</i> , 2018, 79, 130-131.	2.4	2
57	Two Human Monoclonal HLA-Reactive Antibodies Cross-React with Mamu-B*008, a Rhesus Macaque MHC Allotype Associated with Control of Simian Immunodeficiency Virus Replication. <i>Journal of Immunology</i> , 2021, 206, 1957-1965.	0.8	1
58	Evaluation of Viral Interference with MHC Class I-Restricted Antigen Processing and Presentation Using a Flow Cytometry-Based Approach. <i>Methods in Molecular Biology</i> , 2013, 960, 127-136.	0.9	0
59	Early Engraftment Kinetics of Leukocyte Subsets by Means of HLA-Specific Mabs After Double Umbilical Cord Blood Transplantation Show a Very Rapid Induction of Single Complete Donor Chimerism.. <i>Blood</i> , 2009, 114, 3338-3338.	1.4	0
60	Double Umbilical Cord Blood Transplantation Preceded by a Reduced-Intensity Conditioning Regimen: Rapid Induction of Single Donor Chimerism and Highly Predictive Value of Early CD4+ T Cell and NK Cell Predominance. <i>Blood</i> , 2011, 118, 3026-3026.	1.4	0