Arend Mulder

List of Publications by Year
in descending order

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	Fc galactosylation of anti-platelet human IgG1 alloantibodies enhances complement activation on platelets. Haematologica, 2022, 107, 2432-2444.	3.5	17
2	Enhanced antigen cross-presentation in human colorectal cancer-associated fibroblasts through upregulation of the lysosomal protease cathepsin S. , 2022, 10, e003591.		13
3	The SPPL3-Defined Glycosphingolipid Repertoire Orchestrates HLA Class I-Mediated Immune Responses. Immunity, 2021, 54, 132-150.e9.	14.3	52
4	PAKC: A novel panel of HLA class I antigen presentation machinery knockout cells from the same genetic origin. European Journal of Immunology, 2021, 51, 734-737.	2.9	6
5	Tissue-specific endothelial cell heterogeneity contributes to unequal inflammatory responses. Scientific Reports, 2021, 11, 1949.	3.3	34
6	ERAP2 Increases the Abundance of a Peptide Submotif Highly Selective for the Birdshot Uveitis-Associated HLA-A29. Frontiers in Immunology, 2021, 12, 634441.	4.8	18
7	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. Journal of Immunology, 2021, 206, 1957-1965.	0.8	1
8	Precision Engineering of an Anti-HLA-A2 Chimeric Antigen Receptor in Regulatory T Cells for Transplant Immune Tolerance. Frontiers in Immunology, 2021, 12, 686439.	4.8	37
9	An HLA-A*11:01-Binding Neoantigen from Mutated NPM1 as Target for TCR Gene Therapy in AML. Cancers, 2021, 13, 5390.	3.7	3
10	A Comprehensive Evaluation of the Antibody-Verified Status of Eplets Listed in the HLA Epitope Registry. Frontiers in Immunology, 2021, 12, 800946.	4.8	18
11	Antibody-induced vascular inflammation skews infiltrating macrophages to a novel remodeling phenotype in a model of transplant rejection. American Journal of Transplantation, 2020, 20, 2686-2702.	4.7	14
12	HLA Expression in Uveal Melanoma: An Indicator of Malignancy and a Modifiable Immunological Target. Cancers, 2019, 11, 1132.	3.7	24
13	Recombinant human monoclonal HLA antibodies of different IgG subclasses recognising the same epitope: Excellent tools to study differential effects of donor–specific antibodies. Hla, 2019, 94, 415-424.	0.6	11
14	Characterization of donor and recipient CD8+ tissue-resident memory T cells in transplant nephrectomies. Scientific Reports, 2019, 9, 5984.	3.3	40
15	Determining the extent of maternal-foetal chimerism in cord blood. Scientific Reports, 2019, 9, 5247.	3.3	8
16	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. Molecular Immunology, 2019, 108, 34-44.	2.2	12
17	The Vacuolar Pathway of Long Peptide Cross-Presentation Can Be TAP Dependent. Journal of Immunology, 2019, 202, 451-459.	0.8	19
18	The long and winding road towards epitope matching in clinical transplantation. Transplant International, 2019, 32, 16-24.	1.6	35

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19	Prolongation of allograft survival by passenger donor regulatory T cells. American Journal of Transplantation, 2019, 19, 1371-1379.	4.7	19
20	Anti-HLA antibodies with complementary and synergistic interaction geometries promote classical complement activation on platelets. Haematologica, 2019, 104, 403-416.	3.5	23
21	Response to the comments on â€œDirect quantitative measurement of the kinetics of HLA-specific antibody interactions with isolated HLA proteinsâ€. Human Immunology, 2018, 79, 130-131.	2.4	2
22	Platelets from donors with consistently low HLA-B8, -B12, or -B35 expression do not undergo antibody-mediated internalization. Blood, 2018, 131, 144-152.	1.4	20
23	Direct quantitative measurement of the kinetics of HLA-specific antibody interactions with isolated HLA proteins. Human Immunology, 2018, 79, 122-128.	2.4	16
24	No Evidence for Cross-reactivity of Virus-specific Antibodies With HLA Alloantigens. Transplantation, 2018, 102, 1844-1849.	1.0	9
25	HLA Class I Antigen Expression in Conjunctival Melanoma Is Not Associated With PD-L1/PD-1 Status. , 2018, 59, 1005.		12
26	A subset of anti-HLA antibodies induces FcÎ³RIIa-dependent platelet activation. Haematologica, 2018, 103, 1741-1752.	3.5	21
27	NLRP2 is a suppressor of NF-Æ™B signaling and HLA-C expression in human trophoblastsâ€,â€¡. Biology of Reproduction, 2017, 96, 831-842.	2.7	45
28	KIR2DS2 recognizes conserved peptides derived from viral helicases in the context of HLA-C. Science Immunology, 2017, 2, .	11.9	78
29	Multiple E2 ubiquitin-conjugating enzymes regulate human cytomegalovirus US2-mediated immunoreceptor downregulation. Journal of Cell Science, 2017, 130, 2883-2892.	2.0	18
30	Selective graft-versus-leukemia depends on magnitude and diversity of the alloreactive T cell response. Journal of Clinical Investigation, 2017, 127, 517-529.	8.2	107
31	Selective downregulation of HLAâ€ and HLAâ€ in childhood acute lymphoblastic leukaemia. British Journal of Haematology, 2016, 174, 477-480.	2.5	16
32	Cytokine-induced memory-like natural killer cells exhibit enhanced responses against myeloid leukemia. Science Translational Medicine, 2016, 8, 357ra123.	12.4	621
33	Complex MHC Class I Gene Transcription Profiles and Their Functional Impact in Orangutans. Journal of Immunology, 2016, 196, 750-758.	0.8	15
34	Usefulness of the Nonself-Self Algorithm of HLA Epitope Immunogenicity in the Specificity Analysis of Monospecific Antibodies Induced during Pregnancy. Frontiers in Immunology, 2015, 6, 180.	4.8	18
35	The Impact of Amino Acid Variability on Alloreactivity Defines a Functional Distance Predictive of Permissive HLA-DPB1 Mismatches in Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2015, 21, 233-241.	2.0	95
36	Peptide selectivity discriminates NK cells from KIR2DL2â€•and KIR2DL3â€positive individuals. European Journal of Immunology, 2015, 45, 492-500.	2.9	26

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37	First report on the antibody verification of HLA-DR, HLA-DQ and HLA-DP epitopes recorded in the HLA Epitope Registry. Human Immunology, 2014, 75, 1097-1103.	2.4	75
38	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. Transfusion, 2013, 53, 104-114.	1.6	4
39	Structural aspects of HLA class I epitopes reacting with human monoclonal antibodies in Ig-binding, C1q-binding and lymphocytotoxicity assays. Human Immunology, 2013, 74, 1271-1279.	2.4	62
40	Evaluation of Viral Interference with MHC Class I-Restricted Antigen Processing and Presentation Using a Flow Cytometry-Based Approach. Methods in Molecular Biology, 2013, 960, 127-136.	0.9	0
41	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 FcÎ³Rs. Journal of Immunology, 2013, 190, 6635-6650.	0.8	88
42	Proteasome Inhibition Profoundly Affects Activated Human B Cells. Transplantation, 2013, 95, 1331-1337.	1.0	38
43	Structural aspects of human leukocyte antigen class I epitopes detected by human monoclonal antibodies. Human Immunology, 2012, 73, 267-277.	2.4	42
44	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. Blood, 2011, 118, 3026-3026.	1.4	0
45	Human Monoclonal Antibody Reactivity With Human Leukocyte Antigen Class I Epitopes Defined by Pairs of Mismatched Eplets and Self-Eplets. Transplantation, 2010, 90, 1468-1472.	1.0	51
46	High-Throughput Characterization of 10 New Minor Histocompatibility Antigens by Whole Genome Association Scanning. Cancer Research, 2010, 70, 9073-9083.	0.9	104
47	Peptide antagonism as a mechanism for NK cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10160-10165.	7.1	139
48	Human monoclonal HLA antibodies reveal interspecies crossreactive swine MHC class I epitopes relevant for xenotransplantation. Molecular Immunology, 2010, 47, 809-815.	2.2	91
49	Maternal activating KIRs protect against human reproductive failure mediated by fetal HLA-C2. Journal of Clinical Investigation, 2010, 120, 4102-4110.	8.2	425
50	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.. Blood, 2009, 114, 3338-3338.	1.4	0
51	Impact of Peptides on the Recognition of HLA Class I Molecules by Human HLA Antibodies. Journal of Immunology, 2005, 175, 5950-5957.	0.8	46
52	HLAMatchmaker-Based Analysis of Human Monoclonal Antibody Reactivity Demonstrates the Importance of an Additional Contact Site for Specific Recognition of Triplet-Defined Epitopes. Human Immunology, 2005, 66, 749-761.	2.4	55
53	Differential immunogenicity of HLA mismatches in clinical transplantation. Transplant Immunology, 2005, 14, 187-191.	1.2	68
54	Identification, Isolation, and Culture of HLA-A2-Specific B Lymphocytes Using MHC Class I Tetramers. Journal of Immunology, 2003, 171, 6599-6603.	0.8	50

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55	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. Human Immunology, 2002, 63, 200-210.	2.4	72
56	High frequency of allele-specific down-regulation of HLA class I expression in uveal melanoma cell lines. , 2000, 85, 697-702.		30
57	Distinction between HLA class I-positive and -negative cervical tumor subpopulations by multiparameter DNA flow cytometry. Cytometry, 2000, 41, 73-80.	1.8	14
58	HLA-C Expression on Platelets: Studies with an HLA-Cw1-Specific Human Monoclonal Antibody. Vox Sanguinis, 2000, 79, 108-111.	1.5	33
59	HLA-C Expression on Platelets: Studies with an HLA-Cw1-Specific Human Monoclonal Antibody. Vox Sanguinis, 2000, 79, 108-111.	1.5	9
60	Reactivity of Twenty-two Cytotoxic Human Monoclonal HLA Antibodies Towards Soluble HLA Class I in an Enzyme-Linked Immunosorbent Assay (PRA-STATÂ®). Human Immunology, 1997, 56, 106-113.	2.4	40