

Frans H J Claas

List of Publications by Year in descending order

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Version: 2024-02-01

224
papers

10,111
citations

57681

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49824

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all docs

235
docs citations

235
times ranked

10808
citing authors

#	ARTICLE	IF	CITATIONS
1	The EHA Research Roadmap: Transfusion Medicine. <i>HemaSphere</i> , 2022, 6, e670.	1.2	2
2	Implementation of molecular matching in transplantation requires further characterization of both immunogenicity and antigenicity of individual HLA epitopes. <i>Human Immunology</i> , 2022, 83, 256-263.	1.2	14
3	Chimeric Antigen Receptor (CAR) Regulatory T-Cells in Solid Organ Transplantation. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	9
4	The role of HLA-DP mismatches and donor specific HLA-DP antibodies in kidney transplantation: a case series. <i>Transplant Immunology</i> , 2021, 65, 101287.	0.6	15
5	The SPPL3-Defined Glycosphingolipid Repertoire Orchestrates HLA Class I-Mediated Immune Responses. <i>Immunity</i> , 2021, 54, 132-150.e9.	6.6	52
6	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.	1.6	6
7	A Europe wide acceptable mismatch program will enable transplantation of long waiting highly sensitised patients with a compatible donor. <i>Transplant Immunology</i> , 2021, 64, 101354.	0.6	16
8	Low incidence of IgA isotype of HLA antibodies in alloantigen exposed individuals. <i>Hla</i> , 2021, 97, 101-111.	0.4	4
9	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.	2.2	18
10	Autologous bone marrow-derived mesenchymal stromal cell therapy with early tacrolimus withdrawal: The randomized prospective, single-center, open-label TRITON study. <i>American Journal of Transplantation</i> , 2021, 21, 3055-3065.	2.6	25
11	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.	0.4	1
12	On Path to Informing Hierarchy of Eplet Mismatches as Determinants of Kidney Transplant Loss. <i>Kidney International Reports</i> , 2021, 6, 1567-1579.	0.4	24
13	A possible role for HLA-G in development of uteroplacental acute atherosclerosis in preeclampsia. <i>Journal of Reproductive Immunology</i> , 2021, 144, 103284.	0.8	8
14	Maternal-Fetal HLA Compatibility in Uncomplicated and Preeclamptic Naturally Conceived Pregnancies. <i>Frontiers in Immunology</i> , 2021, 12, 673131.	2.2	8
15	Highly Sensitized Patients Are Well Served by Receiving a Compatible Organ Offer Based on Acceptable Mismatches. <i>Frontiers in Immunology</i> , 2021, 12, 687254.	2.2	23
16	A Combined microRNA and Chemokine Profile in Urine to Identify Rejection After Kidney Transplantation. <i>Transplantation Direct</i> , 2021, 7, e711.	0.8	6
17	Significance of HLA-DQ in kidney transplantation: time to reevaluate human leukocyte antigenâ€“matching priorities to improve transplant outcomes? An expert review and recommendations. <i>Kidney International</i> , 2021, 100, 1012-1022.	2.6	35
18	Comparison of different luminex single antigen bead kits for memory B cellâ€“derived <sc>HLA</sc> antibody detection. <i>Hla</i> , 2021, 98, 200-206.	0.4	6

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19	Single antigen testing to reduce early antibody-mediated rejection risk in female recipients of a spousal donor kidney. <i>Transplant Immunology</i> , 2021, 67, 101407.	0.6	0
20	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.	2.2	37
21	Heterologous Immunity of Virus-Specific T Cells Leading to Alloreactivity: Possible Implications for Solid Organ Transplantation. <i>Viruses</i> , 2021, 13, 2359.	1.5	6
22	HLA-DQ-Specific Recombinant Human Monoclonal Antibodies Allow for In-Depth Analysis of HLA-DQ Epitopes. <i>Frontiers in Immunology</i> , 2021, 12, 761893.	2.2	8
23	A Comprehensive Evaluation of the Antibody-Verified Status of Eplets Listed in the HLA Epitope Registry. <i>Frontiers in Immunology</i> , 2021, 12, 800946.	2.2	18
24	Editorial: "The Role of Immune Checkpoint Molecules in Solid and Hematopoietic Stem Cell Transplantation" <i>Frontiers in Immunology</i> , 2021, 12, 822558.	2.2	1
25	Improve in-depth immunological risk assessment to optimize genetic-compatibility and clinical outcomes in child and adolescent recipients of parental donor kidney transplants: protocol for the INCEPTION study. <i>BMC Nephrology</i> , 2021, 22, 416.	0.8	1
26	Novel insights into non-HLA alloimmunity in kidney transplantation. <i>Transplant International</i> , 2020, 33, 5-17.	0.8	31
27	Effect of seminal plasma on dendritic cell differentiation in vitro depends on the serum source in the culture medium. <i>Journal of Reproductive Immunology</i> , 2020, 137, 103076.	0.8	4
28	Donor-specific B Cell Memory in Alloimmunized Kidney Transplant Recipients: First Clinical Application of a Novel Method. <i>Transplantation</i> , 2020, 104, 1026-1032.	0.5	23
29	Visualizing Dynamic Changes at the Maternal-Fetal Interface Throughout Human Pregnancy by Mass Cytometry. <i>Frontiers in Immunology</i> , 2020, 11, 571300.	2.2	19
30	Eplet Mismatch Load and De Novo Occurrence of Donor-Specific Anti-HLA Antibodies, Rejection, and Graft Failure after Kidney Transplantation: An Observational Cohort Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2193-2204.	3.0	98
31	Pre-existing Alloreactive T and B Cells and Their Possible Relevance for Pre-transplant Risk Estimation in Kidney Transplant Recipients. <i>Frontiers in Medicine</i> , 2020, 7, 340.	1.2	11
32	Got your mother in a whirl: The role of maternal T cells and myeloid cells in pregnancy. <i>Hla</i> , 2020, 96, 561-579.	0.4	5
33	Generation and reactivity analysis of human recombinant monoclonal antibodies directed against epitopes on HLA-DR. <i>American Journal of Transplantation</i> , 2020, 20, 3341-3353.	2.6	25
34	<sc>HLA-EMMA</sc>: A user-friendly tool to analyse <sc>HLA</sc> class I and class <sc>II</sc> compatibility on the amino acid level. <i>Hla</i> , 2020, 96, 43-51.	0.4	53
35	Optimization of microRNA Acquirement from Seminal Plasma and Identification of Diminished Seminal microRNA-34b as Indicator of Low Semen Concentration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4089.	1.8	15
36	<sc>HLA-G</sc> whole gene amplification reveals linkage disequilibrium between the <sc>HLA-G 3'UTR</sc> and coding sequence. <i>Hla</i> , 2020, 96, 179-185.	0.4	13

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37	Virtual crossmatching for deceased donor transplantation becomes reality. <i>Kidney International</i> , 2020, 97, 657-659.	2.6	9
38	HLA associations in narcolepsy type 1 persist after the 2009 H1N1 pandemic. <i>Journal of Neuroimmunology</i> , 2020, 342, 577210.	1.1	1
39	Preferential HLA-B27 Allorecognition Displayed by Multiple Cross-Reactive Antiviral CD8+ T Cell Receptors. <i>Frontiers in Immunology</i> , 2020, 11, 248.	2.2	7
40	Not all HLA epitope mismatches are equal. <i>Kidney International</i> , 2020, 97, 653-655.	2.6	11
41	Regulatory T Cells in Pregnancy: It Is Not All About FoxP3. <i>Frontiers in Immunology</i> , 2020, 11, 1182.	2.2	42
42	Pretransplant Donor-Specific Anti-HLA Antibodies and the Risk for Rejection-Related Graft Failure of Kidney Allografts. <i>Journal of Transplantation</i> , 2020, 2020, 1-10.	0.3	18
43	Human leukocyte antigen selected allogeneic mesenchymal stromal cell therapy in renal transplantation: The Neptune study, a phase I single-center study. <i>American Journal of Transplantation</i> , 2020, 20, 2905-2915.	2.6	34
44	HLA association in MOG-IgG and AQP4-IgG-related disorders of the CNS in the Dutch population. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	3.1	41
45	Compatibility at amino acid position 98 of MICB reduces the incidence of graft-versus-host disease in conjunction with the CMV status. <i>Bone Marrow Transplantation</i> , 2020, 55, 1367-1378.	1.3	9
46	Molecular-level HLA mismatch is associated with rejection and worsened graft survival in heart transplant recipients – a retrospective study. <i>Transplant International</i> , 2020, 33, 1078-1088.	0.8	18
47	HLA-EMMA, a tool for molecular-level HLA matching after heart transplantation. <i>Transplant International</i> , 2020, 33, 1821-1822.	0.8	0
48	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.	0.4	11
49	Soluble HLA-G levels in seminal plasma are associated with HLA-G 3'UTR genotypes and haplotypes. <i>Hla</i> , 2019, 94, 339-346.	0.4	13
50	Virus-specific T-cell clonotypes might contribute to drug hypersensitivity reactions through heterologous immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 608-611.e4.	1.5	22
51	Towards uniformity in the definition of acceptable mismatches for highly sensitized patients. <i>Hla</i> , 2019, 94, 147-153.	0.4	5
52	Drug-induced alloreactivity: A new paradigm for allorecognition. <i>American Journal of Transplantation</i> , 2019, 19, 2606-2613.	2.6	8
53	Allocation to highly sensitized patients based on acceptable mismatches results in low rejection rates comparable to nonsensitized patients. <i>American Journal of Transplantation</i> , 2019, 19, 2926-2933.	2.6	32
54	The Number of Donor-Specific IL-21 Producing Cells Before and After Transplantation Predicts Kidney Graft Rejection. <i>Frontiers in Immunology</i> , 2019, 10, 748.	2.2	29

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55	An Easy and Sensitive Method to Profile the Antibody Specificities of HLA-specific Memory B Cells. <i>Transplantation</i> , 2019, 103, 716-723.	0.5	34
56	Characterization of donor and recipient CD8+ tissue-resident memory T cells in transplant nephrectomies. <i>Scientific Reports</i> , 2019, 9, 5984.	1.6	40
57	Determining the extent of maternal-foetal chimerism in cord blood. <i>Scientific Reports</i> , 2019, 9, 5247.	1.6	8
58	Increased HLA-G Expression in Term Placenta of Women with a History of Recurrent Miscarriage Despite Their Genetic Predisposition to Decreased HLA-G Levels. <i>International Journal of Molecular Sciences</i> , 2019, 20, 625.	1.8	17
59	Towards the identification of the relative immunogenicity of individual HLA antibody epitopes. <i>Human Immunology</i> , 2019, 80, 218-220.	1.2	13
60	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.	1.0	12
61	Infection with a virus generates a polyclonal immune response with broad alloreactive potential. <i>Human Immunology</i> , 2019, 80, 97-102.	1.2	9
62	Contribution of non-HLA incompatibility between donor and recipient to kidney allograft survival: genome-wide analysis in a prospective cohort. <i>Lancet, The</i> , 2019, 393, 910-917.	6.3	99
63	Relating the number of human leucocytes antigen mismatches to pregnancy complications in oocyte donation pregnancies: study protocol for a prospective multicentre cohort study (DONOR study). <i>BMJ Open</i> , 2019, 9, e027469.	0.8	2
64	HLA-B51 Reduces Risk of BK Polyomavirus Viremia After Kidney Transplantation. <i>Transplantation</i> , 2019, 103, e386-e387.	0.5	0
65	Reduced Risk of BK Polyomavirus Infection in HLA-B51-positive Kidney Transplant Recipients. <i>Transplantation</i> , 2019, 103, 604-612.	0.5	25
66	Equally Interchangeable? How Sex and Gender Affect Transplantation. <i>Transplantation</i> , 2019, 103, 1094-1110.	0.5	101
67	Exposure to non-inherited maternal antigens by breastfeeding affects antibody responsiveness. <i>Haematologica</i> , 2019, 104, 263-268.	1.7	3
68	Jon van Rood: The pioneer and his personal view on the early developments of HLA and immunogenetics. <i>Transplant Immunology</i> , 2019, 52, 1-26.	0.6	3
69	The long and winding road towards epitope matching in clinical transplantation. <i>Transplant International</i> , 2019, 32, 16-24.	0.8	35
70	Prolongation of allograft survival by passenger donor regulatory T cells. <i>American Journal of Transplantation</i> , 2019, 19, 1371-1379.	2.6	19
71	Anti-HLA antibodies with complementary and synergistic interaction geometries promote classical complement activation on platelets. <i>Haematologica</i> , 2019, 104, 403-416.	1.7	23
72	Maternal and child human leukocyte antigens in congenital cytomegalovirus infection. <i>Journal of Reproductive Immunology</i> , 2018, 126, 39-45.	0.8	1

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73	HLA mismatches that are identical for the antigen recognition domain are less immunogenic. Bone Marrow Transplantation, 2018, 53, 729-740.	1.3	5
74	Human and Rhesus Macaque KIR Haplotypes Defined by Their Transcriptomes. Journal of Immunology, 2018, 200, j1701480.	0.4	23
75	Mixed signature of activation and dysfunction allows human decidual CD8 ⁺ T cells to provide both tolerance and immunity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 385-390.	3.3	126
76	Kidney allocation based on proven acceptable antigens results in superior graft survival in highly sensitized patients. Kidney International, 2018, 93, 491-500.	2.6	52
77	Paternal HLA-C is a risk factor in unexplained recurrent miscarriage. American Journal of Reproductive Immunology, 2018, 79, e12797.	1.2	27
78	Response to the comments on "Direct quantitative measurement of the kinetics of HLA-specific antibody interactions with isolated HLA proteins". Human Immunology, 2018, 79, 130-131.	1.2	2
79	Donor-specific anti-HLA antibodies are not associated with nonanastomotic biliary strictures but both are independent risk factors for graft loss after liver transplantation. Clinical Transplantation, 2018, 32, e13163.	0.8	17
80	Increased herpes zoster risk associated with poor HLA-A immediate early 62 protein (IE62) affinity. Immunogenetics, 2018, 70, 363-372.	1.2	8
81	The avidity of cross-reactive virus-specific T cells for their viral and allogeneic epitopes is variable and depends on epitope expression. Human Immunology, 2018, 79, 39-50.	1.2	6
82	Direct quantitative measurement of the kinetics of HLA-specific antibody interactions with isolated HLA proteins. Human Immunology, 2018, 79, 122-128.	1.2	16
83	No Evidence for Cross-reactivity of Virus-specific Antibodies With HLA Alloantigens. Transplantation, 2018, 102, 1844-1849.	0.5	9
84	Cross-Reactivity of Virus-Specific CD8 ⁺ T Cells Against Allogeneic HLA-C: Possible Implications for Pregnancy Outcome. Frontiers in Immunology, 2018, 9, 2880.	2.2	29
85	A Novel Tool to Define the Immunogenicity of HLA Mismatches. Transplantation, 2018, 102, S157.	0.5	1
86	How the definition of acceptable antigens and epitope analysis can facilitate transplantation of highly sensitized patients with excellent long-term graft survival. Current Opinion in Organ Transplantation, 2018, 23, 493-499.	0.8	15
87	The combination of maternal KIR-B and fetal HLA-C2 is associated with decidual basalis acute atherosclerosis in pregnancies with preeclampsia. Journal of Reproductive Immunology, 2018, 129, 23-29.	0.8	29
88	Transplantation in highly sensitized patients: challenges and recommendations. Expert Review of Clinical Immunology, 2018, 14, 673-679.	1.3	17
89	Calcium-Binding Proteins S100A8 and S100A9: Investigation of Their Immune Regulatory Effect in Myeloid Cells. International Journal of Molecular Sciences, 2018, 19, 1833.	1.8	40
90	Technical challenges and clinical relevance of single antigen bead C1q/C3d testing and IgG subclass analysis of human leukocyte antigen antibodies. Transplant International, 2018, 31, 1189-1197.	0.8	13

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91	HLA Class I Antigen Expression in Conjunctival Melanoma Is Not Associated With PD-L1/PD-1 Status. , 2018, 59, 1005.		12
92	Modification of host dendritic cells by microchimerism-derived extracellular vesicles generates split tolerance. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1099-1104.	3.3	55
93	Stimulation of HIV-specific T cell clonotypes using allogeneic HLA. Cellular Immunology, 2017, 316, 32-40.	1.4	15
94	Epitope-Based HLA Matching. Transplantation, 2017, 101, 1744-1745.	0.5	9
95	Fibroblast-adapted human CMV vaccines elicit predominantly conventional CD8 T cell responses in humans. Journal of Experimental Medicine, 2017, 214, 1889-1899.	4.2	33
96	Anti- <i>LGI1</i> encephalitis is strongly associated with <i>HLA-DR7</i> and <i>HLA-DRB4</i> . Annals of Neurology, 2017, 81, 193-198.	2.8	123
97	Prof Dr. Johannes Joseph (Jon) van Rood (1926-2017). Human Immunology, 2017, 78, 523-525.	1.2	0
98	KIR2DS2 recognizes conserved peptides derived from viral helicases in the context of HLA-C. Science Immunology, 2017, 2, .	5.6	78
99	Infectious pathogens may trigger specific allo-HLA reactivity via multiple mechanisms. Immunogenetics, 2017, 69, 631-641.	1.2	50
100	Multiple E2 ubiquitin-conjugating enzymes regulate human cytomegalovirus US2-mediated immunoreceptor downregulation. Journal of Cell Science, 2017, 130, 2883-2892.	1.2	18
101	Alemtuzumab Induction and Delayed Acute Rejection in Steroid-Free Simultaneous Pancreas-Kidney Transplant Recipients. Transplantation Direct, 2017, 3, e124.	0.8	10
102	Human Cytomegalovirus Infection Increases Both Antibody- and Non-Antibody-Dependent Cellular Reactivity by Natural Killer Cells. Transplantation Direct, 2017, 3, e335.	0.8	6
103	The Humoral Theory of Transplantation. Journal of Immunology Research, 2017, 2017, 1-3.	0.9	3
104	Congenital Cytomegalovirus Infection: Maternal-Child HLA-C, HLA-E, and HLA-G Affect Clinical Outcome. Frontiers in Immunology, 2017, 8, 1904.	2.2	5
105	The source of SYBR green master mix determines outcome of nucleic acid amplification reactions. BMC Research Notes, 2016, 9, 292.	0.6	12
106	Cytokine-induced memory-like natural killer cells exhibit enhanced responses against myeloid leukemia. Science Translational Medicine, 2016, 8, 357ra123.	5.8	621
107	Matching for the nonconventional MHC-I MICA gene significantly reduces the incidence of acute and chronic GVHD. Blood, 2016, 128, 1979-1986.	0.6	66
108	The <i>HLA-DRB1*15</i> phenotype is associated with multiple red blood cell and HLA antibody responsiveness. Transfusion, 2016, 56, 1849-1856.	0.8	21

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109	Activation of the vitamin D receptor selectively interferes with calcineurin-mediated inflammation: a clinical evaluation in the abdominal aortic aneurysm. <i>Laboratory Investigation</i> , 2016, 96, 784-790.	1.7	14
110	Complex MHC Class I Gene Transcription Profiles and Their Functional Impact in Orangutans. <i>Journal of Immunology</i> , 2016, 196, 750-758.	0.4	15
111	Increased complement C4d deposition at the maternal-fetal interface in unexplained recurrent miscarriage. <i>Journal of Reproductive Immunology</i> , 2016, 113, 54-60.	0.8	11
112	B Cell Immunity in Solid Organ Transplantation. <i>Frontiers in Immunology</i> , 2016, 7, 686.	2.2	49
113	European Renal Best Practice Guideline on Kidney Donor and Recipient Evaluation and Perioperative Care. <i>BANTAO Journal</i> , 2015, 12, 1-7.	0.1	1
114	Safety of allogeneic bone marrow derived mesenchymal stromal cell therapy in renal transplant recipients: the neptune study. <i>Journal of Translational Medicine</i> , 2015, 13, 344.	1.8	59
115	Stronger Tâ€Cell Alloreactivity and Diminished Suppressive Capacity of Peripheral Regulatory T Cells in Infertile Women Undergoing <i>In Vitro</i> Fertilization. <i>American Journal of Reproductive Immunology</i> , 2015, 74, 268-278.	1.2	9
116	Detecting the Humoral Alloimmune Response. <i>Transplantation</i> , 2015, 99, 908-915.	0.5	20
117	Detection of Virus-Specific CD8+ T Cells With Cross-Reactivity Against Alloantigens. <i>Transplantation Direct</i> , 2015, 1, e40.	0.8	15
118	Restricted specificity of peripheral alloreactive memory B cells in HLA-sensitized patients awaiting a kidney transplant. <i>Kidney International</i> , 2015, 87, 1230-1240.	2.6	39
119	Quantification of HLA class II-specific memory B cells in HLA-sensitized individuals. <i>Human Immunology</i> , 2015, 76, 129-136.	1.2	34
120	Peptide selectivity discriminates NK cells from KIR2DL2â€and KIR2DL3â€positive individuals. <i>European Journal of Immunology</i> , 2015, 45, 492-500.	1.6	26
121	The 25th anniversary of the Eurotransplant Acceptable Mismatch program for highly sensitized patients. <i>Transplant Immunology</i> , 2015, 33, 51-57.	0.6	82
122	Autologous bone marrow derived mesenchymal stromal cell therapy in combination with everolimus to preserve renal structure and function in renal transplant recipients. <i>Journal of Translational Medicine</i> , 2014, 12, 331.	1.8	41
123	Naturally acquired microchimerism. <i>Chimerism</i> , 2014, 5, 24-39.	0.7	36
124	HLA-DRB1 associations in individuals with single and multiple clinically relevant red blood cell antibodies. <i>Transfusion</i> , 2014, 54, 1971-1980.	0.8	61
125	The interplay between antiviral immunity and allo-immune reactivity after renal transplantation. <i>Transplant Immunology</i> , 2014, 31, 191-194.	0.6	2
126	Association between CTL Precursor Frequency to HLA-C Mismatches and HLA-C Antigen Cell Surface Expression. <i>Frontiers in Immunology</i> , 2014, 5, 547.	2.2	15

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127	Gene Expression Analysis by qPCR in Clinical Kidney Transplantation. <i>Methods in Molecular Biology</i> , 2014, 1160, 147-163.	0.4	3
128	Immunogenetics and immunology of transplantation in Leiden. <i>Transplant Immunology</i> , 2014, 31, 195-199.	0.6	3
129	Transplantation Results of Completely HLA-Mismatched Living and Completely HLA-Matched Deceased-Donor Kidneys Are Comparable. <i>Transplantation</i> , 2014, 97, 330-336.	0.5	21
130	High anti- α HLA response in women exposed to intrauterine transfusions for severe alloimmune hemolytic disease is associated with mother's child HLA triplet mismatches, high anti- α CD titer, and new red blood cell antibody formation. <i>Transfusion</i> , 2013, 53, 939-947.	0.8	10
131	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.	1.2	62
132	Blood cell mRNAs and microRNAs: optimized protocols for extraction and preservation. <i>Blood</i> , 2013, 121, e81-e89.	0.6	49
133	Beneficial or Harmful Effect of Antipaternal Human Leukocyte Antibodies on Pregnancy Outcome? A Systematic Review and Meta-Analysis. <i>American Journal of Reproductive Immunology</i> , 2013, 70, 87-103.	1.2	41
134	Autologous Bone Marrow-Derived Mesenchymal Stromal Cells for the Treatment of Allograft Rejection After Renal Transplantation: Results of a Phase I Study. <i>Stem Cells Translational Medicine</i> , 2013, 2, 107-111.	1.6	277
135	Consensus Guidelines on the Testing and Clinical Management Issues Associated With HLA and Non-HLA Antibodies in Transplantation. <i>Transplantation</i> , 2013, 95, 19-47.	0.5	679
136	Predictive Factors of Allosensitization After Immunosuppressant Withdrawal in Recipients of Long-Term Cultured Islet Cell Grafts. <i>Transplantation</i> , 2013, 96, 162-169.	0.5	9
137	Immunologic and Clinical Consequences of Oocyte Donation Pregnancies. , 2013, , 303-315.		0
138	A Proposed Algorithm Predictive for Cytotoxic T Cell Alloreactivity. <i>Journal of Immunology</i> , 2012, 188, 1868-1873.	0.4	17
139	Stimulation of Human EBV- and CMV-Specific Cytolytic Effector Function Using Allogeneic HLA Molecules. <i>Journal of Immunology</i> , 2012, 189, 4825-4831.	0.4	11
140	Quantitative Polymerase Chain Reaction Profiling of Immunomarkers in Rejecting Kidney Allografts for Predicting Response to Steroid Treatment. <i>Transplantation</i> , 2012, 94, 596-602.	0.5	11
141	The Functional Polymorphism Ala258Ser in the Innate Receptor Gene Ficolin-2 in the Donor Predicts Improved Renal Transplant Outcome. <i>Transplantation</i> , 2012, 94, 478-485.	0.5	22
142	Structural aspects of human leukocyte antigen class I epitopes detected by human monoclonal antibodies. <i>Human Immunology</i> , 2012, 73, 267-277.	1.2	42
143	Genetic HLA Associations in Complex Regional Pain Syndrome With and Without Dystonia. <i>Journal of Pain</i> , 2012, 13, 784-789.	0.7	70
144	Detection of Allo-HLA Cross-Reactivity by Virus-specific Memory T-Cell Clones Using Single HLA-Transfected K562 Cells. <i>Methods in Molecular Biology</i> , 2012, 882, 339-349.	0.4	21

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145	Detection and clinical relevance of donor specific HLA antibodies: a matter of debate. <i>Transplant International</i> , 2012, 25, 604-610.	0.8	59
146	Egg donation pregnancy as an immunological model for solid organ transplantation. <i>Transplant Immunology</i> , 2011, 25, 89-95.	0.6	27
147	Vaccine-Induced Allo-HLA-Reacting Memory T Cells in a Kidney Transplantation Candidate. <i>Transplantation</i> , 2011, 91, 645-651.	0.5	34
148	Tissue Specificity of Cross-Reactive Allogeneic Responses by EBV EBNA3A-Specific Memory T Cells. <i>Transplantation</i> , 2011, 91, 494-500.	0.5	47
149	HLA-targeted flow cytometric sorting of blood cells allows separation of pure and viable microchimeric cell populations. <i>Blood</i> , 2011, 118, e149-e155.	0.6	13
150	HLA-targeted cell sorting of microchimeric cells opens the way to phenotypical and functional characterization. <i>Chimerism</i> , 2011, 2, 114-116.	0.7	2
151	C4d Staining In Renal Allograft Biopsies with Early Acute Rejection and Subsequent Clinical Outcome. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 1207-1213.	2.2	12
152	Mature wines are better: CDC as the leading method to define highly sensitized patients. <i>Current Opinion in Organ Transplantation</i> , 2010, 15, 716-719.	0.8	15
153	Clinical relevance of circulating donor-specific HLA antibodies. <i>Current Opinion in Organ Transplantation</i> , 2010, 15, 462-466.	0.8	36
154	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.	0.5	51
155	Differential Effect of Pretransplant Blood Transfusions on Immune Effector and Regulatory Compartments in HLA-Sensitized and Nonsensitized Recipients. <i>Transplantation</i> , 2010, 90, 1192-1199.	0.5	18
156	Major histocompatibility complex (MHC)-mediated immune regulation of decidual leukocytes at the fetal-maternal interface. <i>Journal of Reproductive Immunology</i> , 2010, 85, 58-62.	0.8	34
157	The optimal chain length for kidney paired exchanges: an analysis of the Dutch program. <i>Transplant International</i> , 2010, 23, 1120-1125.	0.8	28
158	Allo-HLA reactivity of virus-specific memory T cells is common. <i>Blood</i> , 2010, 115, 3146-3157.	0.6	270
159	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.	3.3	139
160	Human monoclonal HLA antibodies reveal interspecies crossreactive swine MHC class I epitopes relevant for xenotransplantation. <i>Molecular Immunology</i> , 2010, 47, 809-815.	1.0	91
161	Expression of NK cell receptors on decidual T cells in human pregnancy. <i>Journal of Reproductive Immunology</i> , 2009, 80, 22-32.	0.8	67
162	Fetal-maternal HLA-C mismatch is associated with decidual T cell activation and induction of functional T regulatory cells. <i>Journal of Reproductive Immunology</i> , 2009, 82, 148-157.	0.8	226

#	ARTICLE	IF	CITATIONS
163	Non-HLA cell reactivity during the first year after HLA-identical living-related kidney transplantation. <i>Clinical Transplantation</i> , 2009, 23, 740-747.	0.8	3
164	HLA-B*8, DR3: a new risk factor for graft failure after renal transplantation in patients with underlying immunoglobulin A nephropathy. <i>Clinical Transplantation</i> , 2009, 23, 660-665.	0.8	23
165	Management of the highly sensitized patient. <i>Current Opinion in Immunology</i> , 2009, 21, 569-572.	2.4	35
166	Human leukocyte antigen antibody detection and kidney allocation within Eurotransplant. <i>Human Immunology</i> , 2009, 70, 636-639.	1.2	24
167	Which human leukocyte antigen antibodies are really clinically relevant?. <i>Human Immunology</i> , 2009, 70, 561-562.	1.2	17
168	Enhanced Kidney Allocation to Highly Sensitized Patients by the Acceptable Mismatch Program. <i>Transplantation</i> , 2009, 88, 447-452.	0.5	90
169	Transplantation of highly sensitized patients via the acceptable mismatch program or desensitization? We need both. <i>Current Opinion in Organ Transplantation</i> , 2009, 14, 410-413.	0.8	27
170	Towards Selective HLA Mismatching in Clinical Transplantation. <i>Transplantation</i> , 2009, 88, 760-761.	0.5	0
171	The polymorphic alloimmune response in clinical transplantation. <i>Current Opinion in Immunology</i> , 2008, 20, 566-567.	2.4	8
172	HLA antibody testing: a tool to facilitate not to prevent organ transplantation. <i>International Journal of Immunogenetics</i> , 2008, 35, 275-277.	0.8	18
173	Differentially modulated dendritic cells induce regulatory T cells with different characteristics. <i>Transplant Immunology</i> , 2008, 19, 220-228.	0.6	10
174	Molecular monitoring for rejection and graft outcome in kidney transplantation. <i>Expert Opinion on Medical Diagnostics</i> , 2008, 2, 1365-1379.	1.6	11
175	Clinical Relevance of Pretransplant Donor-Directed Antibodies Detected by Single Antigen Beads in Highly Sensitized Renal Transplant Patients. <i>Transplantation</i> , 2008, 85, 1086-1090.	0.5	125
176	Hurdles, Barriers, and Successes of a National Living Donor Kidney Exchange Program. <i>Transplantation</i> , 2008, 86, 1749-1753.	0.5	59
177	Effects of Immunosuppressive Drugs On Purified Human B Cells: Evidence Supporting the Use of MMF and Rapamycin. <i>Transplantation</i> , 2008, 86, 1292-1300.	0.5	105
178	Differential Immunogenicity of HLA Class I Alloantigens for the Humoral versus the Cellular Immune Response: Towards Tailor-Made HLA Mismatching. <i>Human Immunology</i> , 2006, 67, 424-429.	1.2	13
179	The influence of inherited and noninherited parental antigens on outcome after transplantation. <i>Transplant International</i> , 2006, 19, 360-371.	0.8	24
180	Single-Antigen-Expressing Cell Lines Are Excellent Tools for Detecting Human Leukocyte Antigen-C??-Reactive Antibodies in Kidney Transplant Recipients. <i>Transplantation</i> , 2005, 79, 1268-1272.	0.5	13

#	ARTICLE	IF	CITATIONS
181	Extending options for highly sensitized patients to receive a suitable kidney graft. <i>Current Opinion in Immunology</i> , 2005, 17, 536-540.	2.4	47
182	The Putative Mechanism of the Immunomodulating Effect of HLA-DR Shared Allogeneic Blood Transfusions on the Alloimmune Response. <i>Transfusion Medicine Reviews</i> , 2005, 19, 281-287.	0.9	29
183	The Single Antigen expressing Lines (SALs) Concept: An Excellent Tool for Screening for HLA-Specific Antibodies. <i>Human Immunology</i> , 2005, 66, 519-525.	1.2	41
184	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.	1.2	55
185	Allogeneic MHC Class I Molecules With Numerous Sequence Differences Do Not Elicit a CTL Response. <i>Human Immunology</i> , 2005, 66, 969-976.	1.2	50
186	Differential immunogenicity of HLA mismatches in clinical transplantation. <i>Transplant Immunology</i> , 2005, 14, 187-191.	0.6	68
187	HLAMatchmaker-based strategy to identify acceptable HLA class I mismatches for highly sensitized kidney transplant candidates. <i>Transplant International</i> , 2004, 17, 22-30.	0.8	42
188	Isolation of Mesenchymal Stem Cells of Fetal or Maternal Origin from Human Placenta. <i>Stem Cells</i> , 2004, 22, 1338-1345.	1.4	1,048
189	Chimerism as a tool to induce clinical transplantation tolerance. <i>Current Opinion in Immunology</i> , 2004, 16, 578-583.	2.4	35
190	THE NUMBER OF AMINO ACID TRIPLET DIFFERENCES BETWEEN PATIENT AND DONOR IS PREDICTIVE FOR THE ANTIBODY REACTIVITY AGAINST MISMATCHED HUMAN LEUKOCYTE ANTIGENS1. <i>Transplantation</i> , 2004, 77, 1236-1239.	0.5	126
191	The Acceptable Mismatch Program as a Fast Tool for Highly Sensitized Patients Awaiting a Cadaveric Kidney Transplantation: Short Waiting Time and Excellent Graft Outcome. <i>Transplantation</i> , 2004, 78, 190-193.	0.5	172
192	Predictive Parameters for in vivo Alloreactivity. <i>ChemInform</i> , 2003, 34, no.	0.1	0
193	Transfusion-associated graft vs. host disease after donor-specific leukocyte transfusion before kidney transplantation. <i>Clinical Transplantation</i> , 2003, 17, 477-483.	0.8	4
194	Differential distribution of NK cells in decidua basalis compared with decidua parietalis after uncomplicated human term pregnancy. <i>Human Immunology</i> , 2003, 64, 921-929.	1.2	57
195	Identification, Isolation, and Culture of HLA-A2-Specific B Lymphocytes Using MHC Class I Tetramers. <i>Journal of Immunology</i> , 2003, 171, 6599-6603.	0.4	50
196	Differential immunogenicity of HLA mismatches: HLA-A2 versus HLA-A28. <i>Transplantation</i> , 2003, 75, 418-420.	0.5	16
197	HLAMatchmaker: a molecularly based algorithm for histocompatibility determination. III. Effect of matching at the HLA-A,B amino acid triplet level on kidney transplant survival1. <i>Transplantation</i> , 2003, 75, 884-889.	0.5	112
198	Future HLA Matching Strategies in Clinical Transplantation. , 2002, 36, 62-73.		7

#	ARTICLE	IF	CITATIONS
199	Effect of tolerance to noninherited maternal antigens on the occurrence of graft-versus-host disease after bone marrow transplantation from a parent or an HLA-haploidentical sibling. <i>Blood</i> , 2002, 99, 1572-1577.	0.6	275
200	Application of a systemic herpes simplex virus type 1 infection in the rat as a tool for sunscreen photoimmunoprotection studies. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 592-596.	1.6	9
201	Predictive parameters for in vivo alloreactivity. <i>Transplant Immunology</i> , 2002, 10, 137-142.	0.6	12
202	Kinetics of the pregnancy-induced humoral and cellular immune response against the paternal HLA class I antigens of the child. <i>Human Immunology</i> , 2002, 63, 452-458.	1.2	52
203	Pregnancy can induce long-persisting primed CTLs specific for inherited paternal HLA antigens. <i>Human Immunology</i> , 2001, 62, 201-207.	1.2	92
204	Permissible and immunogenic HLA-A mismatches: cytotoxic T-cell precursor frequencies reflect graft survival data. <i>Human Immunology</i> , 2001, 62, 661-667.	1.2	15
205	Increased Immunogenicity and Cause of Graft Loss of Old Donor Kidneys. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 1538-1546.	3.0	221
206	High frequency of allele-specific down-regulation of HLA class I expression in uveal melanoma cell lines. , 2000, 85, 697-702.		30
207	HLA-C Expression on Platelets: Studies with an HLA-Cw1-Specific Human Monoclonal Antibody. <i>Vox Sanguinis</i> , 2000, 79, 108-111.	0.7	33
208	Both self and non-inherited maternal HLA antigens influence the immune response. <i>Trends in Immunology</i> , 2000, 21, 269-273.	7.5	61
209	In Vitro CTL precursor frequencies do not reflect a beneficial effect of cross-reactive group (CREG) matching. <i>Human Immunology</i> , 2000, 61, 879-883.	1.2	8
210	HLA-C expression on platelets: studies with an HLA-Cw1-specific human monoclonal antibody. <i>Vox Sanguinis</i> , 2000, 79, 108-111.	0.7	9
211	Do noninherited maternal antigens (NIMA) enhance renal graft survival?. <i>Transplant International</i> , 1998, 11, 82-88.	0.8	35
212	Kinetics of circulating cytotoxic T lymphocyte precursors that have a high avidity for donor antigens: correlation with the rejection status of the human cardiac allograft. <i>Transplant Immunology</i> , 1998, 6, 153-160.	0.6	7
213	The Effect of Tolerance to Noninherited Maternal HLA Antigens on the Survival of Renal Transplants from Sibling Donors. <i>New England Journal of Medicine</i> , 1998, 339, 1657-1664.	13.9	267
214	Do noninherited maternal antigens (NIMA) enhance renal graft survival?. <i>Transplant International</i> , 1998, 11, 82-88.	0.8	19
215	Reactivity of Twenty-two Cytotoxic Human Monoclonal HLA Antibodies Towards Soluble HLA Class I in an Enzyme-Linked Immunosorbent Assay (PRA-STAT [®]). <i>Human Immunology</i> , 1997, 56, 106-113.	1.2	40
216	Association between specific HLA combinations and probability of kidney allograft loss: the taboo concept. <i>Lancet, The</i> , 1996, 348, 850-853.	6.3	111

#	ARTICLE	IF	CITATIONS
217	PROGRESSIVE ACCUMULATION OF CTL WITH HIGH AVIDITY FOR DONOR ANTIGENS DURING THE DEVELOPMENT OF ACUTE CARDIAC REJECTION. <i>Transplantation</i> , 1996, 62, 529-536.	0.5	18
218	THE PRESENCE OF ACTIVATED DONOR HLA CLASS I-REACTIVE T LYMPHOCYTES IS ASSOCIATED WITH REJECTION OF CORNEAL GRAFTS. <i>Transplantation</i> , 1995, 59, 1039-1042.	0.5	47
219	The Detection Of Cytotoxic T Cells With Highaffinity Receptors For Donor Antigens In The Transplanted Heart As A Prognostic Factor For Graft Rejection. <i>Transplantation</i> , 1993, 56, 1223-1229.	0.5	49
220	EVIDENCE THAT ANTIBODY FORMATION AGAINST A CERTAIN HLA ALLOANTIGEN IS ASSOCIATED NOT WITH A QUANTITATIVE BUT WITH A QUALITATIVE CHANGE IN THE CYTOTOXIC T CELLS RECOGNIZING THE SAME ANTIGEN. <i>Transplantation</i> , 1992, 53, 899-902.	0.5	37
221	Analysis of cytotoxic T cell precursor frequencies directed against individual HLA-A and -B alloantigens. <i>Journal of Immunological Methods</i> , 1989, 121, 39-45.	0.6	51
222	Alloantibodies to an antigenic determinant shared by HLA-A2 and B17. <i>Tissue Antigens</i> , 1982, 19, 388-391.	1.0	23
223	The SPPL3-Defined Glycosphingolipid Repertoire Regulates Immune Responses by Improving HLA Class I Access. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
224	Alloimmune Risk Stratification for Kidney Transplant Rejection. <i>Transplant International</i> , 0, 35, .	0.8	10