Frans H J Claas

List of Publications by Year
in descending order

224 papers	10,111 citations	50276 46 h-index	43889 91 g-index
235 all docs	235 docs citations	235 times ranked	10152 citing authors

#	Article	IF	Citations
1	Isolation of Mesenchymal Stem Cells of Fetal or Maternal Origin from Human Placenta. Stem Cells, 2004, 22, 1338-1345.	3.2	1,048
2	Consensus Guidelines on the Testing and Clinical Management Issues Associated With HLA and Non-HLA Antibodies in Transplantation. Transplantation, 2013, 95, 19-47.	1.0	679
3	Cytokine-induced memory-like natural killer cells exhibit enhanced responses against myeloid leukemia. Science Translational Medicine, 2016, 8, 357ra123.	12.4	621
4	Autologous Bone Marrow-Derived Mesenchymal Stromal Cells for the Treatment of Allograft Rejection After Renal Transplantation: Results of a Phase I Study. Stem Cells Translational Medicine, 2013, 2, 107-111.	3.3	277
5	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. Blood, 2002, 99, 1572-1577.	1.4	275
6	Allo-HLA reactivity of virus-specific memory T cells is common. Blood, 2010, 115, 3146-3157.	1.4	270
7	The Effect of Tolerance to Noninherited Maternal HLA Antigens on the Survival of Renal Transplants from Sibling Donors. New England Journal of Medicine, 1998, 339, 1657-1664.	27.0	267
8	Fetalâ€"maternal HLA-C mismatch is associated with decidual T cell activation and induction of functional T regulatory cells. Journal of Reproductive Immunology, 2009, 82, 148-157.	1.9	226
9	Increased Immunogenicity and Cause of Graft Loss of Old Donor Kidneys. Journal of the American Society of Nephrology: JASN, 2001, 12, 1538-1546.	6.1	221
10	The Acceptable Mismatch Program as a Fast Tool for Highly Sensitized Patients Awaiting a Cadaveric Kidney Transplantation: Short Waiting Time and Excellent Graft Outcome. Transplantation, 2004, 78, 190-193.	1.0	172
11	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
12	THE NUMBER OF AMINO ACID TRIPLET DIFFERENCES BETWEEN PATIENT AND DONOR IS PREDICTIVE FOR THE ANTIBODY REACTIVITY AGAINST MISMATCHED HUMAN LEUKOCYTE ANTIGENS1. Transplantation, 2004, 77, 1236-1239.	1.0	126
13	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.	7.1	126
14	Clinical Relevance of Pretransplant Donor-Directed Antibodies Detected by Single Antigen Beads in Highly Sensitized Renal Transplant Patients. Transplantation, 2008, 85, 1086-1090.	1.0	125
15	Antiâ€‹<scp>LGI1</scp> encephalitis is strongly associated with <scp>HLAâ€DR7</scp> and <scp>HLAâ€DRB4</scp>. Annals of Neurology, 2017, 81, 193-198.	5.3	123
16	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. Transplantation, 2003, 75, 884-889.	1.0	112
17	Association between specific HLA combinations and probability of kidney allograft loss: the taboo concept. Lancet, The, 1996, 348, 850-853.	13.7	111
18	Effects of Immunosuppressive Drugs On Purified Human B Cells: Evidence Supporting the Use of MMF and Rapamycin. Transplantation, 2008, 86, 1292-1300.	1.0	105

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19	Equally Interchangeable? How Sex and Gender Affect Transplantation. Transplantation, 2019, 103, 1094-1110.	1.0	101
20	Contribution of non-HLA incompatibility between donor and recipient to kidney allograft survival: genome-wide analysis in a prospective cohort. Lancet, The, 2019, 393, 910-917.	13.7	99
21	Eplet Mismatch Load and De Novo Occurrence of Donor-Specific Anti-HLA Antibodies, Rejection, and Graft Failure after Kidney Transplantation: An Observational Cohort Study. Journal of the American Society of Nephrology: JASN, 2020, 31, 2193-2204.	6.1	98
22	Pregnancy can induce long-persisting primed CTLs specific for inherited paternal HLA antigens. Human Immunology, 2001, 62, 201-207.	2.4	92
23	Human monoclonal HLA antibodies reveal interspecies crossreactive swine MHC class I epitopes relevant for xenotransplantation. Molecular Immunology, 2010, 47, 809-815.	2.2	91
24	Enhanced Kidney Allocation to Highly Sensitized Patients by the Acceptable Mismatch Program. Transplantation, 2009, 88, 447-452.	1.0	90
25	The 25th anniversary of the Eurotransplant Acceptable Mismatch program for highly sensitized patients. Transplant Immunology, 2015, 33, 51-57.	1.2	82
26	KIR2DS2 recognizes conserved peptides derived from viral helicases in the context of HLA-C. Science Immunology, 2017, 2, .	11.9	78
27	Genetic HLA Associations in Complex Regional Pain Syndrome With and Without Dystonia. Journal of Pain, 2012, 13, 784-789.	1.4	70
28	Differential immunogenicity of HLA mismatches in clinical transplantation. Transplant Immunology, 2005, 14, 187-191.	1.2	68
29	Expression of NK cell receptors on decidual T cells in human pregnancy. Journal of Reproductive Immunology, 2009, 80, 22-32.	1.9	67
30	Matching for the nonconventional MHC-I MICA gene significantly reduces the incidence of acute and chronic GVHD. Blood, 2016, 128, 1979-1986.	1.4	66
31	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
32	Both self and non-inherited maternal HLA antigens influence the immune response. Trends in Immunology, 2000, 21, 269-273.	7.5	61
33	<scp>HLA</scp>â€<scp>DRB</scp>1 associations in individuals with single and multiple clinically relevant red blood cell antibodies. Transfusion, 2014, 54, 1971-1980.	1.6	61
34	Hurdles, Barriers, and Successes of a National Living Donor Kidney Exchange Program. Transplantation, 2008, 86, 1749-1753.	1.0	59
35	Detection and clinical relevance of donor specific HLA antibodies: a matter of debate. Transplant International, 2012, 25, 604-610.	1.6	59
36	Safety of allogeneic bone marrow derived mesenchymal stromal cell therapy in renal transplant recipients: the neptune study. Journal of Translational Medicine, 2015, 13, 344.	4.4	59

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37	Differential distribution of NK cells in decidua basalis compared with decidua parietalis after uncomplicated human term pregnancy. Human Immunology, 2003, 64, 921-929.	2.4	57
38	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
39	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.	7.1	55
40	<scp>HLAâ€EMMA</scp>: A userâ€friendly tool to analyse <scp>HLA</scp> class I and class <scp>II</scp> compatibility on the amino acid level. Hla, 2020, 96, 43-51.	0.6	53
41	Kinetics of the pregnancy-induced humoral and cellular immune response against the paternal HLA class I antigens of the child. Human Immunology, 2002, 63, 452-458.	2.4	52
42	Kidney allocation based on proven acceptable antigens results in superior graft survival in highly sensitized patients. Kidney International, 2018, 93, 491-500.	5.2	52
43	The SPPL3-Defined Glycosphingolipid Repertoire Orchestrates HLA Class I-Mediated Immune Responses. Immunity, 2021, 54, 132-150.e9.	14.3	52
44	Analysis of cytotoxic T cell precursor frequencies directed against individual HLA-A and -B alloantigens. Journal of Immunological Methods, 1989, 121, 39-45.	1.4	51
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	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
47	Allogeneic MHC Class I Molecules With Numerous Sequence Differences Do Not Elicit a CTL Response. Human Immunology, 2005, 66, 969-976.	2.4	50
48	Infectious pathogens may trigger specific allo-HLA reactivity via multiple mechanisms. Immunogenetics, 2017, 69, 631-641.	2.4	50
49	The Detection Of Cytotoxic T Cells With Highaffinity Receptors For Donor Antigens In The Transplanted Heart As A Prognostic Factor For Graft Rejection. Transplantation, 1993, 56, 1223-1229.	1.0	49
50	Blood cell mRNAs and microRNAs: optimized protocols for extraction and preservation. Blood, 2013, 121, e81-e89.	1.4	49
51	B Cell Immunity in Solid Organ Transplantation. Frontiers in Immunology, 2016, 7, 686.	4.8	49
52	THE PRESENCE OF ACTIVATED DONOR HLA CLASS I-REACTIVE T LYMPHOCYTES IS ASSOCIATED WITH REJECTION OF CORNEAL GRAFTS. Transplantation, 1995, 59, 1039-1042.	1.0	47
53	Extending options for highly sensitized patients to receive a suitable kidney graft. Current Opinion in Immunology, 2005, 17, 536-540.	5.5	47
54	Tissue Specificity of Cross-Reactive Allogeneic Responses by EBV EBNA3A-Specific Memory T Cells. Transplantation, 2011, 91, 494-500.	1.0	47

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55	HLAMatchmaker-based strategy to identify acceptable HLA class I mismatches for highly sensitized kidney transplant candidates. Transplant International, 2004, 17, 22-30.	1.6	42
56	Structural aspects of human leukocyte antigen class I epitopes detected by human monoclonal antibodies. Human Immunology, 2012, 73, 267-277.	2.4	42
57	Regulatory T Cells in Pregnancy: It Is Not All About FoxP3. Frontiers in Immunology, 2020, 11, 1182.	4.8	42
58	The Single Antigen expressing Lines (SALs) Concept: An Excellent Tool for Screening for HLA-Specific Antibodies. Human Immunology, 2005, 66, 519-525.	2.4	41
59	Beneficial or Harmful Effect of Antipaternal Human Leukocyte Antibodies on Pregnancy Outcome? A Systematic Review and Metaâ€Analysis. American Journal of Reproductive Immunology, 2013, 70, 87-103.	1.2	41
60	Autologous bone marrow derived mesenchymal stromal cell therapy in combination with everolimus to preserve renal structure and function in renal transplant recipients. Journal of Translational Medicine, 2014, 12, 331.	4.4	41
61	HLA association in MOG-IgGâ€" and AQP4-IgGâ€"related disorders of the CNS in the Dutch population. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	41
62	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
63	Calcium-Binding Proteins S100A8 and S100A9: Investigation of Their Immune Regulatory Effect in Myeloid Cells. International Journal of Molecular Sciences, 2018, 19, 1833.	4.1	40
64	Characterization of donor and recipient CD8+ tissue-resident memory T cells in transplant nephrectomies. Scientific Reports, 2019, 9, 5984.	3.3	40
65	Restricted specificity of peripheral alloreactive memory B cells in HLA-sensitized patients awaiting a kidney transplant. Kidney International, 2015, 87, 1230-1240.	5.2	39
66	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. Transplantation, 1992, 53, 899-902.	1.0	37
67	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
68	Clinical relevance of circulating donor-specific HLA antibodies. Current Opinion in Organ Transplantation, 2010, 15, 462-466.	1.6	36
69	Naturally acquired microchimerism. Chimerism, 2014, 5, 24-39.	0.7	36
70	Do noninherited maternal antigens (NIMA) enhance renal graft survival?. Transplant International, 1998, 11, 82-88.	1.6	35
71	Chimerism as a tool to induce clinical transplantation tolerance. Current Opinion in Immunology, 2004, 16, 578-583.	5.5	35
72	Management of the highly sensitized patient. Current Opinion in Immunology, 2009, 21, 569-572.	5.5	35

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73	The long and winding road towards epitope matching in clinical transplantation. Transplant International, 2019, 32, 16-24.	1.6	35
74	Significance of HLA-DQ in kidney transplantation: time to reevaluate human leukocyte antigen—matching priorities to improve transplant outcomes? An expert review and recommendations. Kidney International, 2021, 100, 1012-1022.	5.2	35
75	Major histocompatibility complex (MHC)-mediated immune regulation of decidual leukocytes at the fetal—maternal interface. Journal of Reproductive Immunology, 2010, 85, 58-62.	1.9	34
76	Vaccine-Induced Allo-HLA—Reactive Memory T Cells in a Kidney Transplantation Candidate. Transplantation, 2011, 91, 645-651.	1.0	34
77	Quantification of HLA class II-specific memory B cells in HLA-sensitized individuals. Human Immunology, 2015, 76, 129-136.	2.4	34
78	An Easy and Sensitive Method to Profile the Antibody Specificities of HLA—specific Memory B Cells. Transplantation, 2019, 103, 716-723.	1.0	34
79	Human leukocyte antigen selected allogeneic mesenchymal stromal cell therapy in renal transplantation: The Neptune study, a phase I single-center study. American Journal of Transplantation, 2020, 20, 2905-2915.	4.7	34
80	HLA-C Expression on Platelets: Studies with an HLA-Cw1-Specific Human Monoclonal Antibody. Vox Sanguinis, 2000, 79, 108-111.	1.5	33
81	Fibroblast-adapted human CMV vaccines elicit predominantly conventional CD8 T cell responses in humans. Journal of Experimental Medicine, 2017, 214, 1889-1899.	8.5	33
82	Allocation to highly sensitized patients based on acceptable mismatches results in low rejection rates comparable to nonsensitized patients. American Journal of Transplantation, 2019, 19, 2926-2933.	4.7	32
83	Novel insights into non—HLA alloimmunity in kidney transplantation. Transplant International, 2020, 33, 5-17.	1.6	31
84	High frequency of allele-specific down-regulation of HLA class I expression in uveal melanoma cell lines. , 2000, 85, 697-702.		30
85	The Putative Mechanism of the Immunomodulating Effect of HLA-DR Shared Allogeneic Blood Transfusions on the Alloimmune Response. Transfusion Medicine Reviews, 2005, 19, 281-287.	2.0	29
86	Cross-Reactivity of Virus-Specific CD8+ T Cells Against Allogeneic HLA-C: Possible Implications for Pregnancy Outcome. Frontiers in Immunology, 2018, 9, 2880.	4.8	29
87	The combination of maternal KIR-B and fetal HLA-C2 is associated with decidua basalis acute atherosis in pregnancies with preeclampsia. Journal of Reproductive Immunology, 2018, 129, 23-29.	1.9	29
88	The Number of Donor-Specific IL-21 Producing Cells Before and After Transplantation Predicts Kidney Graft Rejection. Frontiers in Immunology, 2019, 10, 748.	4.8	29
89	The optimal chain length for kidney paired exchanges: an analysis of the Dutch program. Transplant International, 2010, 23, 1120-1125.	1.6	28
90	Transplantation of highly sensitized patients via the acceptable mismatch program or desensitization? We need both. Current Opinion in Organ Transplantation, 2009, 14, 410-413.	1.6	27

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91	Egg donation pregnancy as an immunological model for solid organ transplantation. Transplant Immunology, 2011, 25, 89-95.	1.2	27
92	Paternal ‹scp›HLA‹/scp›â€ is a risk factor in unexplained recurrent miscarriage. American Journal of Reproductive Immunology, 2018, 79, e12797.	1.2	27
93	Peptide selectivity discriminates NK cells from KIR2DL2â€•and KIR2DL3â€•positive individuals. European Journal of Immunology, 2015, 45, 492-500.	2.9	26
94	Reduced Risk of BK Polyomavirus Infection in HLA-B51â€"positive Kidney Transplant Recipients. Transplantation, 2019, 103, 604-612.	1.0	25
95	Generation and reactivity analysis of human recombinant monoclonal antibodies directed against epitopes on HLA-DR. American Journal of Transplantation, 2020, 20, 3341-3353.	4.7	25
96	Autologous bone marrow-derived mesenchymal stromal cell therapy with early tacrolimus withdrawal: The randomized prospective, single-center, open-label TRITON study. American Journal of Transplantation, 2021, 21, 3055-3065.	4.7	25
97	The influence of inherited and noninherited parental antigens on outcome after transplantation. Transplant International, 2006, 19, 360-371.	1.6	24
98	Human leukocyte antigen antibody detection and kidney allocation within Eurotransplant. Human Immunology, 2009, 70, 636-639.	2.4	24
99	On Path to Informing Hierarchy of Eplet Mismatches as Determinants of Kidney Transplant Loss. Kidney International Reports, 2021, 6, 1567-1579.	0.8	24
100	Alloâ€antibodies to an antigenic determinant shared by HLAâ€A2 and B17. Tissue Antigens, 1982, 19, 388-391.	1.0	23
101	HLAâ€B8, DR3: a new risk factor for graft failure after renal transplantation in patients with underlying immunoglobulin A nephropathy. Clinical Transplantation, 2009, 23, 660-665.	1.6	23
102	Human and Rhesus MacaqueKIRHaplotypes Defined by Their Transcriptomes. Journal of Immunology, 2018, 200, ji1701480.	0.8	23
103	Anti-HLA antibodies with complementary and synergistic interaction geometries promote classical complement activation on platelets. Haematologica, 2019, 104, 403-416.	3.5	23
104	Donor-specific B Cell Memory in Alloimmunized Kidney Transplant Recipients: First Clinical Application of a Novel Method. Transplantation, 2020, 104, 1026-1032.	1.0	23
105	Highly Sensitized Patients Are Well Served by Receiving a Compatible Organ Offer Based on Acceptable Mismatches. Frontiers in Immunology, 2021, 12, 687254.	4.8	23
106	The Functional Polymorphism Ala258Ser in the Innate Receptor Gene Ficolin-2 in the Donor Predicts Improved Renal Transplant Outcome. Transplantation, 2012, 94, 478-485.	1.0	22
107	Virus-specific T-cell clonotypes might contribute to drug hypersensitivity reactions through heterologous immunity. Journal of Allergy and Clinical Immunology, 2019, 144, 608-611.e4.	2.9	22
108	Detection of Allo-HLA Cross-Reactivity by Virus-specific Memory T-Cell Clones Using Single HLA-Transfected K562 Cells. Methods in Molecular Biology, 2012, 882, 339-349.	0.9	21

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109	Transplantation Results of Completely HLA-Mismatched Living and Completely HLA-Matched Deceased-Donor Kidneys Are Comparable. Transplantation, 2014, 97, 330-336.	1.0	21
110	The HLA–DRB1*15 phenotype is associated with multiple red blood cell and HLA antibody responsiveness. Transfusion, 2016, 56, 1849-1856.	1.6	21
111	Detecting the Humoral Alloimmune Response. Transplantation, 2015, 99, 908-915.	1.0	20
112	Prolongation of allograft survival by passenger donor regulatory T cells. American Journal of Transplantation, 2019, 19, 1371-1379.	4.7	19
113	Visualizing Dynamic Changes at the Maternal-Fetal Interface Throughout Human Pregnancy by Mass Cytometry. Frontiers in Immunology, 2020, 11, 571300.	4.8	19
114	Do noninherited maternal antigens (NIMA) enhance renal graft survival?. Transplant International, 1998, 11, 82-88.	1.6	19
115	HLA antibody testing: a tool to facilitate not to prevent organ transplantation. International Journal of Immunogenetics, 2008, 35, 275-277.	1.8	18
116	Differential Effect of Pretransplant Blood Transfusions on Immune Effector and Regulatory Compartments in HLA-Sensitized and Nonsensitized Recipients. Transplantation, 2010, 90, 1192-1199.	1.0	18
117	Multiple E2 ubiquitin-conjugating enzymes regulate human cytomegalovirus US2-mediated immunoreceptor downregulation. Journal of Cell Science, 2017, 130, 2883-2892.	2.0	18
118	Pretransplant Donor-Specific Anti-HLA Antibodies and the Risk for Rejection-Related Graft Failure of Kidney Allografts. Journal of Transplantation, 2020, 2020, 1-10.	0.5	18
119	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
120	PROGRESSIVE ACCUMULATION OF CTL WITH HIGH AVIDITY FOR DONOR ANTIGENS DURING THE DEVELOPMENT OF ACUTE CARDIAC REJECTION. Transplantation, 1996, 62, 529-536.	1.0	18
121	Molecular–level HLA mismatch is associated with rejection and worsened graft survival in heart transplant recipients – a retrospective study. Transplant International, 2020, 33, 1078-1088.	1.6	18
122	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
123	Which human leukocyte antigen antibodies are really clinically relevant?. Human Immunology, 2009, 70, 561-562.	2.4	17
124	A Proposed Algorithm Predictive for Cytotoxic T Cell Alloreactivity. Journal of Immunology, 2012, 188, 1868-1873.	0.8	17
125	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.	1.6	17
126	Transplantation in highly sensitized patients: challenges and recommendations. Expert Review of Clinical Immunology, 2018, 14, 673-679.	3.0	17

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127	Increased HLA-G Expression in Term Placenta of Women with a History of Recurrent Miscarriage Despite Their Genetic Predisposition to Decreased HLA-G Levels. International Journal of Molecular Sciences, 2019, 20, 625.	4.1	17
128	Differential immunogenicity of HLA mismatches: HLA-A2 versus HLA-A28. Transplantation, 2003, 75, 418-420.	1.0	16
129	Direct quantitative measurement of the kinetics of HLA-specific antibody interactions with isolated HLA proteins. Human Immunology, 2018, 79, 122-128.	2.4	16
130	A Europe wide acceptable mismatch program will enable transplantation of long waiting highly sensitised patients with a compatible donor. Transplant Immunology, 2021, 64, 101354.	1.2	16
131	Permissible and immunogenic HLA-A mismatches: cytotoxic T-cell precursor frequencies reflect graft survival data. Human Immunology, 2001, 62, 661-667.	2.4	15
132	Mature wines are better: CDC as the leading method to define highly sensitized patients. Current Opinion in Organ Transplantation, 2010, 15, 716-719.	1.6	15
133	Association between CTL Precursor Frequency to HLA-C Mismatches and HLA-C Antigen Cell Surface Expression. Frontiers in Immunology, 2014, 5, 547.	4.8	15
134	Detection of Virus-Specific CD8+ T Cells With Cross-Reactivity Against Alloantigens. Transplantation Direct, 2015, 1, e40.	1.6	15
135	Complex MHC Class I Gene Transcription Profiles and Their Functional Impact in Orangutans. Journal of Immunology, 2016, 196, 750-758.	0.8	15
136	Stimulation of HIV-specific T cell clonotypes using allogeneic HLA. Cellular Immunology, 2017, 316, 32-40.	3.0	15
137	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.	1.6	15
138	Optimization of microRNA Acquirement from Seminal Plasma and Identification of Diminished Seminal microRNA-34b as Indicator of Low Semen Concentration. International Journal of Molecular Sciences, 2020, 21, 4089.	4.1	15
139	The role of HLA-DP mismatches and donor specific HLA-DP antibodies in kidney transplantation: a case series. Transplant Immunology, 2021, 65, 101287.	1.2	15
140	Activation of the vitamin D receptor selectively interferes with calcineurin-mediated inflammation: a clinical evaluation in the abdominal aortic aneurysm. Laboratory Investigation, 2016, 96, 784-790.	3.7	14
141	Implementation of molecular matching in transplantation requires further characterization of both immunogenicity and antigenicity of individual HLA epitopes. Human Immunology, 2022, 83, 256-263.	2.4	14
142	Single-Antigen-Expressing Cell Lines Are Excellent Tools for Detecting Human Leukocyte Antigen-C???Reactive Antibodies in Kidney Transplant Recipients. Transplantation, 2005, 79, 1268-1272.	1.0	13
143	Differential Immunogenicity of HLA Class I Alloantigens for the Humoral versus the Cellular Immune Response: â€œTowards Tailor-Made HLA Mismatchingâ€• Human Immunology, 2006, 67, 424-429.	2.4	13
144	HLA-targeted flow cytometric sorting of blood cells allows separation of pure and viable microchimeric cell populations. Blood, 2011, 118, e149-e155.	1.4	13

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145	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.	1.6	13
146	Soluble HLAâ€G levels in seminal plasma are associated with HLAâ€G 3â€²UTR genotypes and haplotypes. Hla, 2019, 94, 339-346.	0.6	13
147	Towards the identification of the relative immunogenicity of individual HLA antibody epitopes. Human Immunology, 2019, 80, 218-220.	2.4	13
148	<scp>HLAâ€G</scp> whole gene amplification reveals linkage disequilibrium between the <scp>HLAâ€G 3â€²UTR</scp> and coding sequence. Hla, 2020, 96, 179-185.	0.6	13
149	Predictive parameters for in vivo alloreactivity. Transplant Immunology, 2002, 10, 137-142.	1.2	12
150	C4d Staining In Renal Allograft Biopsies with Early Acute Rejection and Subsequent Clinical Outcome. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 1207-1213.	4.5	12
151	The source of SYBR green master mix determines outcome of nucleic acid amplification reactions. BMC Research Notes, 2016, 9, 292.	1.4	12
152	HLA Class I Antigen Expression in Conjunctival Melanoma Is Not Associated With PD-L1/PD-1 Status. , 2018, 59, 1005.		12
153	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
154	Molecular monitoring for rejection and graft outcome in kidney transplantation. Expert Opinion on Medical Diagnostics, 2008, 2, 1365-1379.	1.6	11
155	Stimulation of Human EBV- and CMV-Specific Cytolytic Effector Function Using Allogeneic HLA Molecules. Journal of Immunology, 2012, 189, 4825-4831.	0.8	11
156	Quantitative Polymerase Chain Reaction Profiling of Immunomarkers in Rejecting Kidney Allografts for Predicting Response to Steroid Treatment. Transplantation, 2012, 94, 596-602.	1.0	11
157	Increased complement C4d deposition at the maternal-fetal interface in unexplained recurrent miscarriage. Journal of Reproductive Immunology, 2016, 113, 54-60.	1.9	11
158	Recombinant human monoclonal HLA antibodies of different IgG subclasses recognising the same epitope: Excellent tools to study differential effects of donorâ€specific antibodies. Hla, 2019, 94, 415-424.	0.6	11
159	Pre-existing Alloreactive T and B Cells and Their Possible Relevance for Pre-transplant Risk Estimation in Kidney Transplant Recipients. Frontiers in Medicine, 2020, 7, 340.	2.6	11
160	Not all HLA epitope mismatches are equal. Kidney International, 2020, 97, 653-655.	5.2	11
161	Differentially modulated dendritic cells induce regulatory T cells with different characteristics. Transplant Immunology, 2008, 19, 220-228.	1.2	10
162	High antiâ€HLA response in women exposed to intrauterine transfusions for severe alloimmune hemolytic disease is associated with motherâ€"child HLA triplet mismatches, high antiâ€D titer, and new red blood cell antibody formation. Transfusion, 2013, 53, 939-947.	1.6	10

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163	Alemtuzumab Induction and Delayed Acute Rejection in Steroid-Free Simultaneous Pancreas-Kidney Transplant Recipients. Transplantation Direct, 2017, 3, e124.	1.6	10
164	Alloimmune Risk Stratification for Kidney Transplant Rejection. Transplant International, 0, 35, .	1.6	10
165	Application of a systemic herpes simplex virus type 1 infection in the rat as a tool for sunscreen photoimmunoprotection studies. Photochemical and Photobiological Sciences, 2002, 1, 592-596.	2.9	9
166	Predictive Factors of Allosensitization After Immunosuppressant Withdrawal in Recipients of Long-Term Cultured Islet Cell Grafts. Transplantation, 2013, 96, 162-169.	1.0	9
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