

# Marcel G J Tilanus

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,125  
citations

394421

19  
h-index

454955

30  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymorphic differences within <sc>HLA*05</sc> alleles contribute to alternatively spliced transcripts lacking exon 5. <i>Hla</i> , 2022, 100, 232-243.	0.6	3
2	T-Cell Epitopes Shared Between Immunizing HLA and Donor HLA Associate With Graft Failure After Kidney Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 784040.	4.8	8
3	Insights into the polymorphism in HLA*DRB1 and its evolutionary relationship with HLA haplotypes. <i>Hla</i> , 2020, 95, 117-127.	0.6	26
4	A novel multiplexed 11 locus HLA full gene amplification assay using next generation sequencing. <i>Hla</i> , 2020, 95, 104-116.	0.6	8
5	Specific amino acid patterns define split specificities of HLA-B*15 antigens enabling conversion from DNA-based typing to serological equivalents. <i>Immunogenetics</i> , 2020, 72, 339-346.	2.4	2
6	Polymorphism clustering of the 21.5 kb DPA*promoter*DPB region reveals novel extended full-length haplotypes. <i>Hla</i> , 2020, 96, 299-311.	0.6	4
7	Long-Read Nanopore Sequencing Validated for Human Leukocyte Antigen Class I Typing in Routine Diagnostics. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 912-919.	2.8	16
8	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.	4.7	32
9	Antibodies against ARHGAP10 are associated with long-term kidney graft loss. <i>American Journal of Transplantation</i> , 2019, 19, 3335-3344.	4.7	46
10	Toward a Sensible Single-antigen Bead Cutoff Based on Kidney Graft Survival. <i>Transplantation</i> , 2019, 103, 789-797.	1.0	31
11	Effect of initial immunosuppression on long-term kidney transplant outcome in immunological low-risk patients. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1417-1422.	0.7	7
12	A paired kidney analysis on the impact of pre-transplant anti-HLA antibodies on graft survival. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1056-1063.	0.7	17
13	Differential effects of donor-specific HLA antibodies in living versus deceased donor transplant. <i>American Journal of Transplantation</i> , 2018, 18, 2274-2284.	4.7	65
14	A new <i>HLA*05</i> allele, <i>HLA*05:156</i>, characterized by full-length hemizygous sequencing. <i>Hla</i> , 2018, 91, 212-213.	0.6	3
15	Saddlebags: A software interface for submitting full-length HLA allele sequences to the EMBL*ENA nucleotide database. <i>Hla</i> , 2018, 91, 29-35.	0.6	4
16	Development and Validation of a Multiplex Non-HLA Antibody Assay for the Screening of Kidney Transplant Recipients. <i>Frontiers in Immunology</i> , 2018, 9, 3002.	4.8	25
17	PIRCHE-II Is Related to Graft Failure after Kidney Transplantation. <i>Frontiers in Immunology</i> , 2018, 9, 321.	4.8	63
18	NKG2A Expression Is Not per se Detrimental for the Anti-Multiple Myeloma Activity of Activated Natural Killer Cells in an In Vitro System Mimicking the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2018, 9, 1415.	4.8	22

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19	Full-length extension of HLA allele sequences by HLA allele-specific hemizygous Sanger sequencing (SSBT). <i>Human Immunology</i> , 2018, 79, 763-772.	2.4	8
20	New insights in HLA polymorphism by refined analysis of the full-length gene. <i>Hla</i> , 2017, 89, 143-149.	0.6	23
21	Polymorphism at residue 156 of the new HLA*02:683 allele suggests immunological relevance. <i>Hla</i> , 2017, 90, 107-109.	0.6	3
22	Human leukocyte antigen typing using buccal swabs as accurate and non-invasive substitute for venipuncture in children at risk for celiac disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 1711-1716.	2.8	7
23	The role of gene polymorphism in HLA class I splicing. <i>International Journal of Immunogenetics</i> , 2016, 43, 65-78.	1.8	23
24	How can we reduce costs of solid-phase multiplex bead assays used to determine anti-HLA antibodies?. <i>Hla</i> , 2016, 88, 110-119.	0.6	15
25	Uncommon HLA alleles identified by hemizygous ultra-high Sanger sequencing: haplotype associations and reconsideration of their assignment in the Common and Well-Documented catalogue. <i>Human Immunology</i> , 2016, 77, 184-190.	2.4	10
26	Features of a new full length HLA allele: HLA*02:455. <i>Tissue Antigens</i> , 2015, 86, 53-55.	1.0	3
27	Full-length HLA-DRB1 coding sequences generated by a hemizygous RNA-Seq approach. <i>Tissue Antigens</i> , 2015, 86, 333-342.	1.0	5
28	Ascorbic acid promotes proliferation of natural killer cell populations in culture systems applicable for natural killer cell therapy. <i>Cytotherapy</i> , 2015, 17, 613-620.	0.7	59
29	RNA and protein expression of HLA-A*23:19Q. <i>Human Immunology</i> , 2015, 76, 286-291.	2.4	9
30	Peptide-induced HLA-E expression in human PBMCs is dependent on peptide sequence and the HLA-E genotype. <i>Tissue Antigens</i> , 2015, 85, 242-251.	1.0	33
31	HLA-E regulates NKG2C+ natural killer cell function through presentation of a restricted peptide repertoire. <i>Human Immunology</i> , 2015, 76, 578-586.	2.4	43
32	Optimal selection of natural killer cells to kill myeloma: the role of HLA-E and NKG2A. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 951-963.	4.2	47
33	The full length genomic sequence of a novel HLA-C*03 allele: HLA-C*03:219. <i>Tissue Antigens</i> , 2015, 85, 75-76.	1.0	3
34	Clinical and immunological significance of HLA-E in stem cell transplantation and cancer. <i>Tissue Antigens</i> , 2014, 84, 523-535.	1.0	52
35	The PROCARE consortium: Toward an improved allocation strategy for kidney allografts. <i>Transplant Immunology</i> , 2014, 31, 184-190.	1.2	25
36	HLA frequencies and associations in cystic fibrosis. <i>Tissue Antigens</i> , 2014, 83, 27-31.	1.0	0

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37	Half a century of Dutch transplant immunology. <i>Immunology Letters</i> , 2014, 162, 145-149.	2.5	2
38	Allele and haplotype frequencies of <sc>HLAâ€DPA1</sc> and â€<sc>DPB1</sc> in the population of Guadeloupe. <i>Tissue Antigens</i> , 2014, 83, 147-153.	1.0	6
39	An improved and validated <sc>RNA HLA</sc> class I <sc>SBT</sc> approach for obtaining full length coding sequences. <i>Tissue Antigens</i> , 2014, 84, 450-458.	1.0	6
40	The Maastricht Transplant Center: Clinical setting and epitope searches in HLA class II molecules: Does the structural localization of a polymorphic site contribute to its immunogenicity?. <i>Transplant Immunology</i> , 2014, 31, 213-218.	1.2	3
41	Allorecognition of HLA-DP by CD4+ T cells is affected by polymorphism in its alpha chain. <i>Molecular Immunology</i> , 2014, 59, 19-29.	2.2	12
42	Sequence-Based Typing of HLA: An Improved Group-Specific Full-Length Gene Sequencing Approach. <i>Methods in Molecular Biology</i> , 2014, 1109, 101-114.	0.9	33
43	Effects of transmembrane region variability on cell surface expression and allorecognition of HLA-DP3. <i>Human Immunology</i> , 2013, 74, 970-977.	2.4	10
44	Identification of a new allele polymorphism (<i><sc>HLA</sc>â€B*40:79</i>) and correlation with the <sc>HLAâ€B40</sc> (<sc>B60</sc> and <sc>B61</sc>) antigens. <i>Tissue Antigens</i> , 2013, 82, 293-294.	1.0	3
45	Molecular Typing of HLA-E. <i>Methods in Molecular Biology</i> , 2012, 882, 143-158.	0.9	11
46	Fullâ€length sequence of a novel <i>HLAâ€B*15:220</i> allele identified in an individual from Guadeloupe. <i>Tissue Antigens</i> , 2012, 79, 75-76.	1.0	5
47	Fullâ€length sequence of a novel null allele <i>HLAâ€A*23:38N</i> identified in an individual from Guadeloupe. <i>Tissue Antigens</i> , 2012, 79, 71-72.	1.0	4
48	Fullâ€length HLAâ€DPB1 diversity in multiple alleles of individuals from Caucasian, Black, or Oriental origin. <i>Tissue Antigens</i> , 2012, 79, 165-173.	1.0	17
49	HLA-DPA1 Polymorphism Is a Risk Factor for Graft-Versus-Host Disease Following Unrelated Hematopoietic Stem Cell Transplantation (HSCT). <i>Blood</i> , 2012, 120, 4181-4181.	1.4	0
50	Inactivation of a functional HLA-A gene: A 4-kb deletion turns HLA-A*24 into a pseudogene. <i>Human Immunology</i> , 2010, 71, 1197-1202.	2.4	5
51	A highâ€throughput Taqman<sup>â€</sup> approach for the discrimination of HLAâ€E alleles. <i>Tissue Antigens</i> , 2009, 74, 514-519.	1.0	15
52	NK?KIR ligand identification: a quick Q-PCR approach for HLA-C epitope typing. <i>Tissue Antigens</i> , 2007, 69, 334-337.	1.0	8
53	Extended HLA-DPB1 polymorphism: an RNA approach for HLA-DPB1 typing. <i>Immunogenetics</i> , 2005, 57, 790-794.	2.4	19
54	Identification of HLA-A*0111N: A Synonymous Substitution, Introducing an Alternative Splice Site in Exon 3, Silenced the Expression of an HLA-A Allele. <i>Human Immunology</i> , 2005, 66, 912-920.	2.4	25

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55	Detection of a putative HLA-A*31012 processed (intronless) pseudogene in a laryngeal squamous cell carcinoma. , 2000, 27, 26-34.		12
56	Ambiguous DPB1 allele combinations resolved by direct sequencing of selectively amplified alleles. Tissue Antigens, 1995, 46, 345-349.	1.0	35
57	Antisense oligonucleotides, a novel tool for the control of cytokine effects on human cartilage. focus on interleukins 1 and 6 and proteoglycan synthesis. Arthritis and Rheumatism, 1994, 37, 1357-1362.	6.7	12
58	Identification of two new nucleotide mutations (HPRTUtrecht and HPRTMadrid) in exon 3 of the human hypoxanthine-guanine phosphoribosyltransferase (HPRT) gene. Human Genetics, 1993, 91, 451-454.	3.8	18
59	Expression of T-cell receptor $\hat{1}\pm$ and $\hat{1}^2$ variable genes in normal and malignant human T cells. British Journal of Haematology, 1993, 84, 39-48.	2.5	13
60	Polymorphism and complexity of HLA-DR: evidence for intra-HLA-DR region crossing-over events. Immunogenetics, 1988, 27, 40-45.	2.4	15
61	The HLA $\hat{D}w$ HAG specificity is defined by DR $\hat{1}^2$ cDNA hybridization as a hybrid haplotype carrying DR5 and DRw6 determinants. Tissue Antigens, 1987, 29, 168-172.	1.0	5
62	Polymorphisms within the HLA-DR3 haplotypes. Immunogenetics, 1986, 23, 401-405.	2.4	40
63	Reduced complexity of RFLP for HLA $\hat{D}R$ typing by the use of a DR $\hat{1}^2$ cDNA probe. Tissue Antigens, 1986, 28, 129-135.	1.0	17
64	An overview of the restriction fragment length polymorphism of the HLA $\hat{D}$ region: its application to individual $\hat{D}\hat{1}$ , DR $\hat{1}$ typing by computerized analyses. Tissue Antigens, 1986, 28, 218-227.	1.0	24