

# Celso Mendes-Junior

## List of Publications by Year in descending order

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116  
papers

2,746  
citations

218381

26  
h-index

233125

45  
g-index

124  
all docs

124  
docs citations

124  
times ranked

2541  
citing authors

#	ARTICLE	IF	CITATIONS
1	The genetic structure of 3' untranslated region of the HLA-G gene: polymorphisms and haplotypes. <i>Genes and Immunity</i> , 2010, 11, 134-141.	2.2	182
2	A Comprehensive Study of Polymorphic Sites along the HLA-G Gene: Implication for Gene Regulation and Evolution. <i>Molecular Biology and Evolution</i> , 2011, 28, 3069-3086.	3.5	142
3	In silico analysis of microRNAs targeting the HLA-G 3' untranslated region alleles and haplotypes. <i>Human Immunology</i> , 2009, 70, 1020-1025.	1.2	139
4	Polymorphic Sites at the 3' Untranslated Region of the HLA-G Gene Are Associated with Differential HLA-G Soluble Levels in the Brazilian and French Population. <i>PLoS ONE</i> , 2013, 8, e71742.	1.1	139
5	Insights into HLA-G Genetics Provided by Worldwide Haplotype Diversity. <i>Frontiers in Immunology</i> , 2014, 5, 476.	2.2	119
6	HLA-DRB association in neuromyelitis optica is different from that observed in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2010, 16, 21-29.	1.4	117
7	Human leukocyte antigen-G expression after kidney transplantation is associated with a reduced incidence of rejection. <i>Transplant Immunology</i> , 2008, 18, 361-367.	0.6	69
8	microRNAs targeting the immunomodulatory HLA-G gene: A new survey searching for microRNAs with potential to regulate HLA-G. <i>Molecular Immunology</i> , 2015, 65, 230-241.	1.0	61
9	Characterization of Brazilian soybean cultivars using microsatellite markers. <i>Genetics and Molecular Biology</i> , 2002, 25, 185-193.	0.6	52
10	Hla-mapper: An application to optimize the mapping of HLA sequences produced by massively parallel sequencing procedures. <i>Human Immunology</i> , 2018, 79, 678-684.	1.2	51
11	HLA-G alleles and HLA-G 14 bp polymorphisms in a Brazilian population. <i>Tissue Antigens</i> , 2007, 70, 62-68.	1.0	50
12	HLA-G polymorphisms in women with squamous intraepithelial lesions harboring human papillomavirus. <i>Modern Pathology</i> , 2009, 22, 1075-1082.	2.9	48
13	HLA-G polymorphism and transitional cell carcinoma of the bladder in a Brazilian population. <i>Tissue Antigens</i> , 2008, 72, 149-157.	1.0	46
14	Haplotypes of the HLA-G 3' Untranslated Region Respond to Endogenous Factors of HLA-G+ and HLA-G- Cell Lines Differentially. <i>PLoS ONE</i> , 2017, 12, e0169032.	1.1	39
15	Association of the HLA-DRB1*15 allele group and the DRB1*1501 and DRB1*1503 alleles with multiple sclerosis in White and Mulatto samples from Brazil. <i>Journal of Neuroimmunology</i> , 2007, 189, 118-124.	1.1	37
16	Alleles and genotypes of polymorphisms of IL-18, TNF- $\alpha$ and IFN- $\gamma$ are associated with a higher risk and severity of hepatocellular carcinoma (HCC) in Brazil. <i>Human Immunology</i> , 2013, 74, 1024-1029.	1.2	37
17	Genomic ancestry of a sample population from the state of São Paulo, Brazil. <i>American Journal of Human Biology</i> , 2006, 18, 702-705.	0.8	35
18	Genetic association between HLA-G 14-bp polymorphism and diseases: A systematic review and meta-analysis. <i>Human Immunology</i> , 2018, 79, 724-735.	1.2	35

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19	MHC Variants Associated With Symptomatic Versus Asymptomatic SARS-CoV-2 Infection in Highly Exposed Individuals. <i>Frontiers in Immunology</i> , 2021, 12, 742881.	2.2	35
20	Whole-genome sequencing of 1,171 elderly admixed individuals from Brazil. <i>Nature Communications</i> , 2022, 13, 1004.	5.8	35
21	Frequency of insertion/deletion polymorphism in exon 8 of <i>HLA-G</i> and kidney allograft outcome. <i>Tissue Antigens</i> , 2008, 71, 35-41.	1.0	34
22	HLA-G 14-bp polymorphism at exon 8 in Amerindian populations from the Brazilian Amazon. <i>Tissue Antigens</i> , 2007, 69, 255-260.	1.0	33
23	Worldwide <i>HLA-E</i> nucleotide and haplotype variability reveals a conserved gene for coding and 3' untranslated regions. <i>Tissue Antigens</i> , 2014, 83, 82-93.	1.0	33
24	HLA-E coding and 3' untranslated region variability determined by next-generation sequencing in two West-African population samples. <i>Human Immunology</i> , 2015, 76, 945-953.	1.2	33
25	Human leukocyte antigen (HLA) and single nucleotide polymorphisms (SNPs) tumor necrosis factor (TNF)- $\alpha$ 238 and 308 as genetic markers of susceptibility to psoriasis and severity of the disease in a long-term follow-up Brazilian study. <i>International Journal of Dermatology</i> , 2010, 49, 1133-1140.	0.5	32
26	HLA-G 3' Untranslated Region Polymorphisms Are Associated with Systemic Lupus Erythematosus in 2 Brazilian Populations. <i>Journal of Rheumatology</i> , 2013, 40, 1104-1113.	1.0	32
27	Haplotype frequencies based on eight polymorphic sites at the 3' untranslated region of the <i>HLA-G</i> gene in individuals from two different geographical regions of Brazil. <i>Tissue Antigens</i> , 2012, 79, 272-278.	1.0	31
28	HLA-G variability and haplotypes detected by massively parallel sequencing procedures in the geographically distinct population samples of Brazil and Cyprus. <i>Molecular Immunology</i> , 2017, 83, 115-126.	1.0	29
29	HLA-F coding and regulatory segments variability determined by massively parallel sequencing procedures in a Brazilian population sample. <i>Human Immunology</i> , 2016, 77, 841-853.	1.2	28
30	Ancestry informative markers in Amerindians from Brazilian Amazon. <i>American Journal of Human Biology</i> , 2008, 20, 86-90.	0.8	26
31	Association of haplotypes in the IL8 gene with susceptibility to chronic periodontitis in a Brazilian population. <i>Clinica Chimica Acta</i> , 2010, 411, 1264-1268.	0.5	26
32	Genomic ancestry in urban Afro-Brazilians. <i>Annals of Human Biology</i> , 2008, 35, 104-111.	0.4	25
33	<i>IL-18</i> , <i>TNF</i> , and <i>IFN-<math>\gamma</math></i> alleles and genotypes are associated with susceptibility to chronic hepatitis B infection and severity of liver injury. <i>Journal of Medical Virology</i> , 2015, 87, 1689-1696.	2.5	25
34	DC-SIGN (CD209) gene promoter polymorphisms in a Brazilian population and their association with human T-cell lymphotropic virus type 1 infection. <i>Journal of General Virology</i> , 2009, 90, 927-934.	1.3	25
35	Human leukocyte antigen-G 3' untranslated region polymorphisms are associated with better kidney allograft acceptance. <i>Human Immunology</i> , 2012, 73, 52-59.	1.2	24
36	The 14bp deletion allele in the <i>HLA-G</i> gene confers susceptibility to the development of hepatocellular carcinoma in the Brazilian population. <i>Tissue Antigens</i> , 2013, 81, 408-413.	1.0	24

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37	Galectin-3 Overexpression in Invasive Laryngeal Carcinoma, Assessed by Computer-assisted Analysis. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 665-673.	1.3	23
38	Nonclassical HLA gene variability in Brazilians: a nearly invariable locus surrounded by the most variable genes in the human genome. <i>Tissue Antigens</i> , 2012, 79, 15-24.	1.0	22
39	Insights on the HLA-G Evolutionary History Provided by a Nearby Alu Insertion. <i>Molecular Biology and Evolution</i> , 2013, 30, 2423-2434.	3.5	22
40	TNF Microsatellite Alleles in Brazilian Chagasic Patients. <i>Digestive Diseases and Sciences</i> , 2007, 52, 3334-3339.	1.1	21
41	Evaluation of computational methods for the reconstruction of HLA haplotypes. <i>Tissue Antigens</i> , 2010, 76, 459-466.	1.0	21
42	HLA and TNF gene polymorphisms are associated with psoriasis in Brazilian patients. <i>International Journal of Dermatology</i> , 2016, 55, e16-22.	0.5	21
43	HLA Polymorphisms as Incidence Factor in the Progression to End-Stage Renal Disease in Brazilian Patients Awaiting Kidney Transplant. <i>Transplantation Proceedings</i> , 2008, 40, 1333-1336.	0.3	20
44	Association of HLA-G 3' untranslated region variants with type 1 diabetes mellitus. <i>Human Immunology</i> , 2016, 77, 358-364.	1.2	20
45	The role of HLA in parasitic diseases. <i>Hla</i> , 2018, 91, 255-270.	0.4	20
46	HLA-F displays highly divergent and frequent haplotype lineages associated with different mRNA expression levels. <i>Human Immunology</i> , 2019, 80, 112-119.	1.2	20
47	Gene doping: Present and future. <i>European Journal of Sport Science</i> , 2020, 20, 1093-1101.	1.4	20
48	Computer-assisted analysis of cell proliferation markers in oral lesions. <i>Acta Histochemica</i> , 2007, 109, 377-387.	0.9	19
49	Expression of human leucocyte antigen-G primarily targets affected skin of patients with psoriasis. <i>British Journal of Dermatology</i> , 2010, 163, 769-775.	1.4	19
50	Haplotypes from the SLC45A2 gene are associated with the presence of freckles and eye, hair and skin pigmentation in Brazil. <i>Legal Medicine</i> , 2017, 25, 43-51.	0.6	19
51	Polymorphic Sites at the Immunoregulatory CTLA-4 Gene Are Associated with Chronic Chagas Disease and Its Clinical Manifestations. <i>PLoS ONE</i> , 2013, 8, e78367.	1.1	19
52	A pilot case-control association study of cytokine polymorphisms in Brazilian women presenting with HPV-related cervical lesions. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2008, 140, 241-244.	0.5	18
53	Interleukin-18 and interferon-gamma polymorphisms in Brazilian human immunodeficiency virus-1-infected patients presenting with lipodystrophy syndrome. <i>Tissue Antigens</i> , 2010, 76, 126-30.	1.0	18
54	Genetic diversity of the HLA-G coding region in Amerindian populations from the Brazilian Amazon: a possible role of natural selection. <i>Genes and Immunity</i> , 2013, 14, 518-526.	2.2	17

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55	Absence of the HLA-G*0105N allele in Amerindian populations from the Brazilian Amazon Region: a possible role of natural selection. <i>Tissue Antigens</i> , 2007, 70, 330-334.	1.0	16
56	Tumor necrosis factor region polymorphisms are associated with AIDS and with cytomegalovirus retinitis. <i>Aids</i> , 2009, 23, 1641-1647.	1.0	16
57	The genetic diversity within the 1.4 kb HLA-G upstream regulatory region moderately impacts on cellular microenvironment responses. <i>Scientific Reports</i> , 2018, 8, 5652.	1.6	16
58	Diversidade genética da soja entre perÃodos e entre programas de melhoramento no Brasil. <i>Pesquisa Agropecuaria Brasileira</i> , 2004, 39, 967-975.	0.9	16
59	The variant of CD11b, rs1143679 within ITGAM, is associated with systemic lupus erythematosus and clinical manifestations in Brazilian patients. <i>Human Immunology</i> , 2014, 75, 119-123.	1.2	15
60	FcÎ³RIIa and FcÎ³RIIb polymorphisms and associations with clinical manifestations in systemic lupus erythematosus patients. <i>Autoimmunity</i> , 2014, 47, 451-458.	1.2	15
61	Association of HLA-A, -B, -C genes and TNF microsatellite polymorphism with psoriasis vulgaris: a study of genetic risk in Brazilian patients. <i>European Journal of Dermatology</i> , 2006, 16, 523-9.	0.3	15
62	Interleukin-18 and interferon-Î³ polymorphisms are implicated on proviral load and susceptibility to human T-cell lymphotropic virus type 1 infection. <i>Tissue Antigens</i> , 2012, 80, 143-150.	1.0	14
63	European Ancestry Predominates in Neuromyelitis Optica and Multiple Sclerosis Patients from Brazil. <i>PLoS ONE</i> , 2013, 8, e58925.	1.1	14
64	HLA-E regulatory and coding region variability and haplotypes in a Brazilian population sample. <i>Molecular Immunology</i> , 2017, 91, 173-184.	1.0	14
65	HLA-G, -E and -F regulatory and coding region variability and haplotypes in the Beninese Toffin population sample. <i>Molecular Immunology</i> , 2018, 104, 108-127.	1.0	14
66	Correlation between beta-2-glycoprotein I gene polymorphism and anti-beta-2 glycoprotein I antibodies in patients with multibacillary leprosy. <i>Archives of Dermatological Research</i> , 2010, 302, 583-591.	1.1	13
67	The +3187A/G HLA -G polymorphic site is associated with polar forms and reactive reaction in leprosy. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2013, 1, 123-130.	0.6	12
68	HLA genetic diversity and evolutionary insights in two samples from Brazil and Benin. <i>Hla</i> , 2020, 96, 468-486.	0.4	12
69	Insights on hair, skin and eye color of ancient and contemporary Native Americans. <i>Forensic Science International: Genetics</i> , 2020, 48, 102335.	1.6	12
70	Interferon-Î³ +874 Polymorphism in the First Intron of the Human Interferon-Î³ Gene and Kidney Allograft Outcome. <i>Transplantation Proceedings</i> , 2010, 42, 4505-4508.	0.3	11
71	HLA-G genetic diversity and evolutive aspects in worldwide populations. <i>Scientific Reports</i> , 2021, 11, 23070.	1.6	11
72	HLA-G untranslated region polymorphic sites associated with increased HLA-G production are more frequent in patients exhibiting differentiated thyroid tumours. <i>Clinical Endocrinology</i> , 2017, 86, 597-605.	1.2	10

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73	Associations of OCA2-HERC2 SNPs and haplotypes with human pigmentation characteristics in the Brazilian population. <i>Legal Medicine</i> , 2017, 24, 78-83.	0.6	10
74	<i>HLA-A</i> promoter, coding, and 3'UTR sequences in a Brazilian cohort, and their evolutionary aspects. <i>Hla</i> , 2019, 93, 65-79.	0.4	10
75	A novel HLA-G allele, <i>HLA-G*010111</i> , in the Brazilian population. <i>Tissue Antigens</i> , 2007, 70, 349-350.	1.0	9
76	Human Leucocyte Antigen-G (HLA-G) and Its Murine Functional Homolog Qa2 in the <i>Trypanosoma cruzi</i> Infection. <i>Mediators of Inflammation</i> , 2015, 2015, 1-16.	1.4	9
77	The HLA-G 14-base pair deletion allele and the deletion/deletion genotype are associated with persistent HBe antigenemia in chronic hepatitis B infection. <i>Human Immunology</i> , 2017, 78, 166-171.	1.2	9
78	Human leukocyte antigen-G 3' untranslated region polymorphisms are associated with asthma severity. <i>Molecular Immunology</i> , 2018, 101, 500-506.	1.0	9
79	Extended HLA-G genetic diversity and ancestry composition in a Brazilian admixed population sample: Implications for HLA-G transcriptional control and for case-control association studies. <i>Human Immunology</i> , 2018, 79, 790-799.	1.2	9
80	Absence of the HLA-G*0113N allele in Amerindian populations from the Brazilian Amazon region. <i>Human Immunology</i> , 2010, 71, 428-431.	1.2	8
81	Analysis of five polymorphic DNA markers for indirect genetic diagnosis of haemophilia A in the Brazilian population. <i>Haemophilia</i> , 2011, 17, e936-43.	1.0	8
82	Applicability of the SNPforID 52-plex panel for human identification and ancestry evaluation in a Brazilian population sample by next-generation sequencing. <i>Forensic Science International: Genetics</i> , 2019, 40, 201-209.	1.6	8
83	Prediction of eye and hair pigmentation phenotypes using the HirisPlex system in a Brazilian admixed population sample. <i>International Journal of Legal Medicine</i> , 2021, 135, 1329-1339.	1.2	8
84	Detection of SNPs in bovine immune response genes that may mediate resistance to the cattle tick <i>Rhipicephalus</i> ( <i>Boophilus</i> ) <i>microplus</i> . <i>Animal Genetics</i> , 2008, 39, 328-329.	0.6	7
85	Y-STR diversity and ethnic admixture in White and Mulatto Brazilian population samples. <i>Genetics and Molecular Biology</i> , 2006, 29, 605-607.	0.6	6
86	Mitochondrial DNA variability among eight <i>Tikuna</i> villages: Evidence for an intratribal genetic heterogeneity pattern. <i>American Journal of Physical Anthropology</i> , 2009, 140, 526-531.	2.1	6
87	Analysis and comparison of the STR genotypes called with HipSTR, STRait Razor and toaSTR by using next generation sequencing data in a Brazilian population sample. <i>Forensic Science International: Genetics</i> , 2022, 58, 102676.	1.6	6
88	Evaluation of MC1R high-throughput nucleotide sequencing data generated by the 1000 Genomes Project. <i>Genetics and Molecular Biology</i> , 2017, 40, 530-539.	0.6	5
89	HLA-G expression during hookworm infection in pregnant women. <i>Acta Tropica</i> , 2019, 196, 52-59.	0.9	5
90	HLA-G liver expression and HLA-G extended haplotypes are associated with chronic hepatitis C in HIV-negative and HIV-coinfected patients. <i>Clinical Immunology</i> , 2020, 217, 108482.	1.4	5

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91	Lack of association between HLA polymorphisms and transitional cell carcinoma of the bladder. Tissue Antigens, 2013, 82, 197-200.	1.0	4
92	Linked microsatellites in Amazonian Amerindians applied to ancestry estimates in Brazilian Afro-derived populations. American Journal of Human Biology, 2013, 25, 313-317.	0.8	4
93	HLA-C Alleles and Cytomegalovirus Retinitis in Brazilian Patients with AIDS. Journal of Ophthalmology, 2018, 2018, 1-5.	0.6	4
94	HLA-G Polymorphisms Are Associated with Non-segmental Vitiligo among Brazilians. Biomolecules, 2019, 9, 463.	1.8	4
95	Alu Insertions and Ethnic Composition in a Brazilian Population Sample. International Journal of Human Genetics, 2001, 1, 249-254.	0.1	3
96	A Statistical Study of the Association of Seven Dental Anomalies in the Brazilian Population. International Journal of Morphology, 2008, 26, .	0.1	3
97	TNF microsatellite alleles may confer protection against the development of lipodystrophy syndrome in Brazilian HIV patients. International Journal of Immunogenetics, 2010, 37, 379-385.	0.8	3
98	HFE gene polymorphism defined by sequence-based typing of the Brazilian population and a standardized nomenclature for HFE allele sequences. Hla, 2017, 90, 238-242.	0.4	3
99	HLA-E gene polymorphisms in chronic hepatitis C: Impact on HLA-E liver expression and disease severity. Human Immunology, 2021, 82, 177-185.	1.2	3
100	CFTR Haplotype Distribution in the Brazilian Western Amazonian Region. Human Biology, 2005, 77, 499-508.	0.4	2
101	TNFA-e Microsatellite, HLA-DRB1 and -DQB1 Alleles and Haplotypes in Brazilian Patients Presenting Recently Diagnosed Type 1 Diabetes Mellitus. Annals of the New York Academy of Sciences, 2006, 1079, 300-304.	1.8	2
102	Association of SNPs from the SLC45A2 gene with human pigmentation traits in Brazil. Forensic Science International: Genetics Supplement Series, 2013, 4, e342-e343.	0.1	2
103	Evaluation of the HirisPlex-S system in a Brazilian population sample. Forensic Science International: Genetics Supplement Series, 2019, 7, 794-796.	0.1	2
104	The Iberian legacy into a young genetic xeroderma pigmentosum cluster in central Brazil. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 852, 503164.	0.9	2
105	Comprehensive analysis of HFE gene in hereditary hemochromatosis and in diseases associated with acquired iron overload. World Journal of Hepatology, 2019, 11, 186-198.	0.8	2
106	Y-Chromosome STR Haplotypes in a Sample from São Paulo State, Southeastern Brazil. Journal of Forensic Sciences, 2007, 52, 495-497.	0.9	1
107	Extensive genetic polymorphism in the haplotype STR-TNF and HLA class I with the onset and evolution of psoriasis vulgaris. Journal of Dermatological Science, 2009, 55, 137-138.	1.0	1
108	The role of the placenta in the vertical transmission of HIV-1. Medicina, 2016, 49, 80-85.	0.0	1

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109	Variability at the 3' untranslated region of the HLA-G gene: a study on patients with AIDS and cytomegalovirus retinochoroiditis. <i>Scientific Reports</i> , 2020, 10, 18646.	1.6	1
110	KIR2DL4 genetic diversity in a Brazilian population sample: implications for transcription regulation and protein diversity in samples with different ancestry backgrounds. <i>Immunogenetics</i> , 2021, 73, 227-241.	1.2	1
111	High plasma soluble levels of the immune checkpoint HLA-G molecule among bodybuilders. <i>PLoS ONE</i> , 2020, 15, e0238044.	1.1	1
112	STRs and AIMs informativeness for forensic purposes in an admixed Brazilian population. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 475-476.	0.1	0
113	Mitochondrial DNA Variability among Six South American Amerindian Villages from the Pano Linguistic Group. <i>Human Biology</i> , 2014, 86, 93-104.	0.4	0
114	Mitochondrial DNA Variability among Six South American Amerindian Villages from the Pano Linguistic Group. <i>Human Biology</i> , 2014, 86, 93.	0.4	0
115	Human leukocyte antigen (HLA)-F and -G gene polymorphisms and haplotypes are associated with malaria susceptibility in the Beninese Toffin children. <i>Infection, Genetics and Evolution</i> , 2021, 92, 104828.	1.0	0
116	Alu Insertions and Ethnic Composition in a Brazilian Population Sample. <i>International Journal of Human Genetics</i> , 2001, 01, .	0.1	0