

# Dominique Charron

## List of Publications by Year in descending order

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103  
papers

5,356  
citations

94433

37  
h-index

88630

70  
g-index

111  
all docs

111  
docs citations

111  
times ranked

7546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complement-Binding Anti-HLA Antibodies and Kidney-Allograft Survival. <i>New England Journal of Medicine</i> , 2013, 369, 1215-1226.	27.0	746
2	Preexisting Donor-Specific HLA Antibodies Predict Outcome in Kidney Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1398-1406.	6.1	689
3	Transplantation of Human Embryonic Stem Cell-Derived Cardiovascular Progenitors for Severe Ischemic Left Ventricular Dysfunction. <i>Journal of the American College of Cardiology</i> , 2018, 71, 429-438.	2.8	336
4	HLA Association with Hematopoietic Stem Cell Transplantation Outcome: The Number of Mismatches at HLA-A, -B, -C, -DRB1, or -DQB1 Is Strongly Associated with Overall Survival. <i>Biology of Blood and Marrow Transplantation</i> , 2007, 13, 965-974.	2.0	158
5	Predictive, preventive, personalized and participatory medicine: back to the future. <i>Genome Medicine</i> , 2010, 2, 57.	8.2	144
6	MHC class II signaling in antigen-presenting cells. <i>Current Opinion in Immunology</i> , 2004, 16, 108-113.	5.5	134
7	An Unusual CD56 <sup>bright</sup> CD16 <sup>low</sup> NK Cell Subset Dominates the Early Posttransplant Period following HLA-Matched Hematopoietic Stem Cell Transplantation. <i>Journal of Immunology</i> , 2008, 181, 2227-2237.	0.8	133
8	Global position paper on cardiovascular regenerative medicine. <i>European Heart Journal</i> , 2017, 38, 2532-2546.	2.2	133
9	Impact of donor-specific anti-HLA antibodies on graft failure and survival after reduced intensity conditioning-unrelated cord blood transplantation: a Eurocord, Societe Francophone d'Histocompatibilite et d'Immunogenetique (SFHI) and Societe Francaise de Greffe de Moelle et de Therapie Cellulaire (SEGM-TC) analysis. <i>Haematologica</i> , 2013, 98, 1154-1160.	3.5	117
10	Human endothelial cells generate Th17 and regulatory T cells under inflammatory conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2891-2896.	7.1	107
11	Relationship between <i>Toxoplasma gondii</i> infection and bipolar disorder in a French sample. <i>Journal of Affective Disorders</i> , 2013, 148, 444-448.	4.1	102
12	MICA-129 genotype, soluble MICA, and anti-MICA antibodies as biomarkers of chronic graft-versus-host disease. <i>Blood</i> , 2009, 114, 5216-5224.	1.4	94
13	MHC class II/CD38/CD9: a lipid-raft-dependent signaling complex in human monocytes. <i>Blood</i> , 2005, 106, 3074-3081.	1.4	86
14	Non-HLA immunogenetics in hematopoietic stem cell transplantation. <i>Current Opinion in Immunology</i> , 2005, 17, 517-525.	5.5	86
15	HLA Class II Antibody Activation of Endothelial Cells Promotes Th17 and Disrupts Regulatory T Lymphocyte Expansion. <i>American Journal of Transplantation</i> , 2016, 16, 1408-1420.	4.7	72
16	Infectious complications in sickle cell disease are influenced by HLA class II alleles. <i>Human Immunology</i> , 2002, 63, 194-199.	2.4	71
17	Allogenicity of Human Cardiac Stem/Progenitor Cells Orchestrated by Programmed Death Ligand 1. <i>Circulation Research</i> , 2013, 112, 451-464.	4.5	71
18	Lung Transplantation in Patients with Pretransplantation Donor-Specific Antibodies Detected by Lumindex Assay. <i>Transplantation</i> , 2013, 95, 761-765.	1.0	70

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19	Early-Onset Ankylosing Spondylitis Is Associated With a Functional MICA Polymorphism. <i>Human Immunology</i> , 2005, 66, 1057-1061.	2.4	66
20	Matching for the nonconventional MHC-I MICA gene significantly reduces the incidence of acute and chronic GVHD. <i>Blood</i> , 2016, 128, 1979-1986.	1.4	66
21	Safety and Efficacy of Intracoronary Infusion of Allogeneic Human Cardiac Stem Cells in Patients With ST-Segment Elevation Myocardial Infarction and Left Ventricular Dysfunction. <i>Circulation Research</i> , 2018, 123, 579-589.	4.5	64
22	Identification of Novel Human Monocyte Subsets and Evidence for Phenotypic Groups Defined by Interindividual Variations of Expression of Adhesion Molecules. <i>Scientific Reports</i> , 2020, 10, 4397.	3.3	63
23	Pathologic classification of antibody-mediated rejection correlates with donor-specific antibodies and endothelial cell activation. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 769-776.	0.6	59
24	Extracellular vesicles from human cardiovascular progenitors trigger a reparative immune response in infarcted hearts. <i>Cardiovascular Research</i> , 2021, 117, 292-307.	3.8	57
25	Association of MICA-129 polymorphism with nasopharyngeal cancer risk in a Tunisian population. <i>Human Immunology</i> , 2009, 70, 45-48.	2.4	56
26	Combined Effect of TLR2 Gene Polymorphism and Early Life Stress on the Age at Onset of Bipolar Disorders. <i>PLoS ONE</i> , 2015, 10, e0119702.	2.5	56
27	Risk factors and outcome of graft failure after HLA matched and mismatched unrelated donor hematopoietic stem cell transplantation: a study on behalf of SFGM-TC and SFHI. <i>Bone Marrow Transplantation</i> , 2016, 51, 687-691.	2.4	55
28	Human endogenous retrovirus type W (HERV-W) in schizophrenia: A new avenue of research at the gene-environment interface. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 80-90.	2.6	54
29	Homozygous Status for HLA-E*0103 Confers Protection from Acute Graft-Versus-Host Disease and Transplant-Related Mortality in HLA-Matched Sibling Hematopoietic Stem Cell Transplantation. <i>Transplantation</i> , 2006, 82, 1436-1440.	1.0	53
30	Polymorphism of Toll-like receptor 4 gene in bipolar disorder. <i>Journal of Affective Disorders</i> , 2014, 152-154, 395-402.	4.1	53
31	Favorable impact of natural killer cell reconstitution on chronic graft-versus-host disease and cytomegalovirus reactivation after allogeneic hematopoietic stem cell transplantation. <i>Haematologica</i> , 2014, 99, 1860-1867.	3.5	53
32	Cognitive deterioration among bipolar disorder patients infected by <i>Toxoplasma gondii</i> is correlated to interleukin 6 levels. <i>Journal of Affective Disorders</i> , 2015, 179, 161-166.	4.1	49
33	Association of HLA-E Polymorphism with Severe Bacterial Infection and Early Transplant-Related Mortality in Matched Unrelated Bone Marrow Transplantation. <i>Transplantation</i> , 2005, 80, 140-144.	1.0	47
34	Rationale and Design of a Clinical Trial to Evaluate the Safety and Efficacy of Intracoronary Infusion of Allogeneic Human Cardiac Stem Cells in Patients With Acute Myocardial Infarction and Left Ventricular Dysfunction. <i>Circulation Research</i> , 2017, 121, 71-80.	4.5	46
35	MHC class II isotype-specific signaling complex on human B cells. <i>European Journal of Immunology</i> , 2002, 32, 2282.	2.9	42
36	Post-traumatic stress disorder: revisiting adrenergics, glucocorticoids, immune system effects and homeostasis.. <i>Clinical and Translational Immunology</i> , 2014, 3, e27.	3.8	41

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37	Natural killer cell crosstalk with allogeneic human cardiac-derived stem/progenitor cells controls persistence. <i>Cardiovascular Research</i> , 2014, 104, 290-302.	3.8	39
38	Treatment with anti-toxoplasmic activity (TATA) for toxoplasma positive patients with bipolar disorders or schizophrenia: A cross-sectional study. <i>Journal of Psychiatric Research</i> , 2015, 63, 58-64.	3.1	39
39	HLA-class II haplotypes and Autism Spectrum Disorders. <i>Scientific Reports</i> , 2018, 8, 7639.	3.3	39
40	HLA-E*0101 allele in homozygous state favors severe bacterial infections in sickle cell anemia. <i>Human Immunology</i> , 2007, 68, 849-853.	2.4	38
41	Genetic diversity of TLR2, TLR4, and VDR loci and pulmonary tuberculosis in Moroccan patients. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 430-440.	1.2	38
42	TGF- $\beta$ 2-Induced (TGFBI) Protein in Melanoma: A Signature of High Metastatic Potential. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1675-1685.	0.7	37
43	Protective effect of HLA-DQB1 alleles against alloimmunization in patients with sickle cell disease. <i>Human Immunology</i> , 2016, 77, 35-40.	2.4	35
44	Association between toll-like receptor 2 gene diversity and early-onset bipolar disorder. <i>Journal of Affective Disorders</i> , 2014, 165, 135-141.	4.1	34
45	Allogenic benefit in stem cell therapy: cardiac repair and regeneration. <i>Tissue Antigens</i> , 2015, 86, 155-162.	1.0	34
46	Immunogenetics today: HLA, MHC and much more. <i>Current Opinion in Immunology</i> , 2005, 17, 493-497.	5.5	31
47	Anti-HLA sensitization in extensively burned patients: extent, associated factors, and reduction in potential access to vascularized composite allotransplantation. <i>Transplant International</i> , 2015, 28, 582-593.	1.6	31
48	The HLA-G low expressor genotype is associated with protection against bipolar disorder. <i>Human Immunology</i> , 2013, 74, 593-597.	2.4	30
49	De Novo Donor-Specific Human Leukocyte Antigen Antibodies in Nonsensitized Kidney Transplant Recipients After T Cell-Mediated Rejection. <i>Transplantation</i> , 2015, 99, 965-972.	1.0	28
50	Association of HLA-G Low Expressor Genotype with Severe Acute Graft-Versus-Host Disease after Sibling Bone Marrow Transplantation. <i>Frontiers in Immunology</i> , 2011, 2, 74.	4.8	26
51	High prevalence of infectious events in thrombotic thrombocytopenic purpura and genetic relationship with toll-like receptor 9 polymorphisms: experience of the French Thrombotic Microangiopathies Reference Center. <i>Transfusion</i> , 2013, 54, n/a-n/a.	1.6	25
52	Donor Specific Antibodies are not only directed against HLA-DR: Minding your Ps and Qs. <i>Human Immunology</i> , 2016, 77, 1092-1100.	2.4	23
53	Association of <i>NKG2D</i> gene variants with susceptibility and severity of rheumatoid arthritis. <i>Clinical and Experimental Immunology</i> , 2017, 187, 369-375.	2.6	22
54	Regulation of the CD4+ T cell allo-immune response by endothelial cells. <i>Human Immunology</i> , 2012, 73, 1269-1274.	2.4	20

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55	The MHC class I MICA gene is a histocompatibility antigen in kidney transplantation. <i>Nature Medicine</i> , 2022, 28, 989-998.	30.7	20
56	Dectin-1 Polymorphism: A Genetic Disease Specifier in Autism Spectrum Disorders?. <i>PLoS ONE</i> , 2015, 10, e0137339.	2.5	19
57	Violent suicidal behaviour in bipolar disorder is associated with nitric oxide synthase 3 gene polymorphism. <i>Acta Psychiatrica Scandinavica</i> , 2015, 132, 218-225.	4.5	18
58	Resolution of a manic episode treated with activated charcoal: Evidence for a brain-gut axis in bipolar disorder. <i>Australian and New Zealand Journal of Psychiatry</i> , 2015, 49, 1221-1223.	2.3	18
59	HLA genetics in bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 464-471.	4.5	18
60	The MCP-1 (CCL2) -2518 GG genotype is associated with protection against pulmonary tuberculosis in Moroccan patients. <i>Journal of Infection in Developing Countries</i> , 2012, 6, 73-78.	1.2	17
61	Natural Killer Lymphocytes Are Dysfunctional in Kidney Transplant Recipients on Diagnosis of Cancer. <i>Transplantation</i> , 2015, 99, 2422-2430.	1.0	16
62	Human leukocyte antigen polymorphism influences the age of onset and autoantibody status in rheumatoid arthritis. <i>Tissue Antigens</i> , 2015, 85, 182-189.	1.0	16
63	HLA and lung transplantation. <i>Frontiers of Medicine</i> , 2019, 13, 298-313.	3.4	15
64	Autologous white blood cell transfusion: Toward a younger immunity. <i>Human Immunology</i> , 2007, 68, 805-812.	2.4	14
65	Impact of the source of hematopoietic stem cell in unrelated transplants: Comparison between 10/10, 9/10 HLA matched donors and cord blood. <i>American Journal of Hematology</i> , 2015, 90, 897-903.	4.1	14
66	Minimizing the risk of allo-sensitization to optimize the benefit of allogeneic cardiac-derived stem/progenitor cells. <i>Scientific Reports</i> , 2017, 7, 41125.	3.3	14
67	Anti-HLA antibodies in regenerative medicine stem cell therapy. <i>Human Immunology</i> , 2012, 73, 1287-1294.	2.4	13
68	Anti-Angiotensin Type 1 Receptor Antibodies in Chronic Graft-Versus-Host Disease. <i>Transplantation</i> , 2014, 98, 470-474.	1.0	13
69	Genetic association between a standing variant of NOD2 and bipolar disorder. <i>Immunobiology</i> , 2014, 219, 766-771.	1.9	13
70	Global Overview of the Transnational Alliance for Regenerative Therapies in Cardiovascular Syndromes (TACTICS) Recommendations. <i>Circulation Research</i> , 2018, 122, 199-201.	4.5	13
71	Human Cardiac-Derived Stem/Progenitor Cells Fine-Tune Monocyte-Derived Descendants Activities toward Cardiac Repair. <i>Frontiers in Immunology</i> , 2017, 8, 1413.	4.8	12
72	Extracellular Vesicles Released by Allogeneic Human Cardiac Stem/Progenitor Cells as Part of Their Therapeutic Benefit. <i>Stem Cells Translational Medicine</i> , 2019, 8, 911-924.	3.3	12

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73	Soluble MICA-NKG2D interaction upregulates IFN- $\gamma$ production by activated CD3 <sup>+</sup> CD56 <sup>+</sup> NK cells: Potential impact on chronic graft versus host disease. <i>Human Immunology</i> , 2013, 74, 1536-1541.	2.4	10
74	Anti-HLA sensitization after kidney allograft nephrectomy: changes one year post-surgery and beneficial effect of intravenous immunoglobulin. <i>Clinical Transplantation</i> , 2016, 30, 731-740.	1.6	10
75	The context of HLA-DR/CD18 complex in the plasma membrane governs HLA-DR-derived signals in activated monocytes. <i>Molecular Immunology</i> , 2008, 45, 709-718.	2.2	9
76	Polymorphisms in the promoter region of <i>iNOS</i> predispose to rheumatoid arthritis in south Indian Tamils. <i>International Journal of Immunogenetics</i> , 2017, 44, 114-121.	1.8	9
77	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.	2.4	9
78	Polymorphisms in Genes Coding for the NK-Cell Receptor NKG2D and its Ligand MICA in Recurrent Miscarriage. <i>American Journal of Reproductive Immunology</i> , 2014, 72, 577-585.	1.2	8
79	Cytokine expression and cytokine-based T cell profiling in South Indian rheumatoid arthritis. <i>Immunobiology</i> , 2014, 219, 772-777.	1.9	8
80	Cyclosporine and methotrexate-related pharmacogenomic predictors of acute graft-versus-host disease. <i>Haematologica</i> , 2015, 100, 275-283.	3.5	8
81	Extensively burned patients still need blood transfusions and skin allografts: unavoidable HLA sensitization requires optimization of VCA access. <i>Transplant International</i> , 2015, 28, 1229-1230.	1.6	8
82	Polymorphisms in oxidative stress-related genes are associated with nasopharyngeal carcinoma susceptibility. <i>Immunobiology</i> , 2015, 220, 20-25.	1.9	8
83	Functional polymorphisms of Monocyte Chemoattractant Protein-1 gene and Pott's disease risk. <i>Immunobiology</i> , 2016, 221, 462-467.	1.9	8
84	Association of <i>MICA</i> polymorphism and circulating soluble MICA level with rheumatoid arthritis in a south Indian Tamil population. <i>International Journal of Rheumatic Diseases</i> , 2018, 21, 656-663.	1.9	8
85	Association between CRP genetic diversity and bipolar disorder comorbid complications. <i>International Journal of Bipolar Disorders</i> , 2018, 6, 4.	2.2	8
86	GLCC11 and Glucocorticoid Receptor Genetic Diversity and Response to Glucocorticoid-Based Treatment of Graft-versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 1246-1250.	2.0	7
87	HLA class II alleles influence rheumatoid arthritis susceptibility and autoantibody status in South Indian Tamil population. <i>Hla</i> , 2016, 88, 253-258.	0.6	7
88	Immune responses to bioengineered organs. <i>Current Opinion in Organ Transplantation</i> , 2017, 22, 79-85.	1.6	7
89	Decreased pro-inflammatory cytokines and increased CCR7 expression on T lymphocyte subsets are predictive of response to extracorporeal photopheresis in patients with GvHD. <i>British Journal of Haematology</i> , 2011, 154, 409-413.	2.5	6
90	Soluble MICA and anti-MICA Antibodies as Biomarkers of Nasopharyngeal Carcinoma Disease. <i>Immunological Investigations</i> , 2020, 49, 498-509.	2.0	6

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91	The HLA system in hematopoietic stem cell transplantation. , 2013, , 19-38.		3
92	Matching of MHC Class I Chain-Related Genes a and B Is Associated with Reduced Incidence of Severe Acute Graft-Versus-Host Disease after Unrelated Hematopoietic Stem Cell Transplantation. Blood, 2014, 124, 664-664.	1.4	3
93	Association of HLA-E*01:01/*01:03 polymorphism with methotrexate-based treatment response in South Indian rheumatoid arthritis patients. Indian Journal of Rheumatology, 2014, 9, 178-183.	0.4	2
94	39-OR. Human Immunology, 2013, 74, 30.	2.4	1
95	The TRANSPLANTEX initiative. Human Immunology, 2016, 77, 1005-1007.	2.4	1
96	Autologous white blood cell infusion for trauma, brain trauma, stroke and select immune dysfunction co-morbidities: A promising and timely proposal?. Medical Hypotheses, 2018, 117, 7-15.	1.5	1
97	Editorial: Alloimmune Response From Regenerative Medicine. Frontiers in Immunology, 2018, 9, 3121.	4.8	1
98	Ethnic differences in CD1E, but not CD1A, gene polymorphisms between Sub-Saharan Africans, West Asians and Europeans. Human Immunology, 2019, 80, 204-207.	2.4	1
99	IRF5rs2004640 single nucleotide polymorphism is associated with susceptibility to rheumatoid arthritis in South Indian Tamils. Tissue Antigens, 2014, 84, 465-470.	1.0	0
100	Association of NKG2D immunoreceptor polymorphisms with development of deformities in rheumatoid arthritis. Indian Journal of Rheumatology, 2014, 9, S22.	0.4	0
101	HLA and Immunogenetics in Cord Blood Transplantation. , 2015, , 63-74.		0
102	Association of HLA-E Polymorphism with the Incidence of Severe Bacterial Infections in Sickle Cell Anemia.. Blood, 2005, 106, 2335-2335.	1.4	0
103	Exploration of Immunology: challenging knowledge, developing curiosity and transforming passion into discovery. , 0, , .		0