Dominique Charron

List of Publications by Year
in descending order

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103	5,356	94269	88477
papers	citations	37 h-index	70 g-index

111	111	111	7546
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complement-Binding Anti-HLA Antibodies and Kidney-Allograft Survival. New England Journal of Medicine, 2013, 369, 1215-1226.	13.9	746
2	Preexisting Donor-Specific HLA Antibodies Predict Outcome in Kidney Transplantation. Journal of the American Society of Nephrology: JASN, 2010, 21, 1398-1406.	3.0	689
3	Transplantation of Human Embryonic StemÂCellâ€“Derived Cardiovascular Progenitors for SevereÂIschemic LeftÂVentricular Dysfunction. Journal of the American College of Cardiology, 2018, 71, 429-438.	1.2	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. Biology of Blood and Marrow Transplantation, 2007, 13, 965-974.	2.0	158
5	Predictive, preventive, personalized and participatory medicine: back to the future. Genome Medicine, 2010, 2, 57.	3.6	144
6	MHC class II signaling in antigen-presenting cells. Current Opinion in Immunology, 2004, 16, 108-113.	2.4	134
7	An Unusual CD56brightCD16low NK Cell Subset Dominates the Early Posttransplant Period following HLA-Matched Hematopoietic Stem Cell Transplantation. Journal of Immunology, 2008, 181, 2227-2237.	0.4	133
8	Global position paper on cardiovascular regenerative medicine. European Heart Journal, 2017, 38, 2532-2546.	1.0	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 (SFGM-TC) analysis. Haematologica, 2013, 98, 1154-1160.	1.7	117
10	Human endothelial cells generate Th17 and regulatory T cells under inflammatory conditions. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2891-2896.	3.3	107
11	Relationship between Toxoplasma gondii infection and bipolar disorder in a French sample. Journal of Affective Disorders, 2013, 148, 444-448.	2.0	102
12	MICA-129 genotype, soluble MICA, and anti-MICA antibodies as biomarkers of chronic graft-versus-host disease. Blood, 2009, 114, 5216-5224.	0.6	94
13	MHC class II/CD38/CD9: a lipid-raftâ€“dependent signaling complex in human monocytes. Blood, 2005, 106, 3074-3081.	0.6	86
14	Non-HLA immunogenetics in hematopoietic stem cell transplantation. Current Opinion in Immunology, 2005, 17, 517-525.	2.4	86
15	HLA Class II Antibody Activation of Endothelial Cells Promotes Th17 and Disrupts Regulatory T Lymphocyte Expansion. American Journal of Transplantation, 2016, 16, 1408-1420.	2.6	72
16	Infectious complications in sickle cell disease are influenced by HLA class II alleles. Human Immunology, 2002, 63, 194-199.	1.2	71
17	Allogenicity of Human Cardiac Stem/Progenitor Cells Orchestrated by Programmed Death Ligand 1. Circulation Research, 2013, 112, 451-464.	2.0	71
18	Lung Transplantation in Patients with Pretransplantation Donor-Specific Antibodies Detected by Luminex Assay. Transplantation, 2013, 95, 761-765.	0.5	70

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19	Early-Onset Ankylosing Spondylitis Is Associated With a Functional MICA Polymorphism. Human Immunology, 2005, 66, 1057-1061.	1.2	66
20	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
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. Circulation Research, 2018, 123, 579-589.	2.0	64
22	Identification of Novel Human Monocyte Subsets and Evidence for Phenotypic Groups Defined by Interindividual Variations of Expression of Adhesion Molecules. Scientific Reports, 2020, 10, 4397.	1.6	63
23	Pathologic classification of antibody-mediated rejection correlates with donor-specific antibodies and endothelial cell activation. Journal of Heart and Lung Transplantation, 2013, 32, 769-776.	0.3	59
24	Extracellular vesicles from human cardiovascular progenitors trigger a reparative immune response in infarcted hearts. Cardiovascular Research, 2021, 117, 292-307.	1.8	57
25	Association of MICA-129 polymorphism with nasopharyngeal cancer risk in a Tunisian population. Human Immunology, 2009, 70, 45-48.	1.2	56
26	Combined Effect of TLR2 Gene Polymorphism and Early Life Stress on the Age at Onset of Bipolar Disorders. PLoS ONE, 2015, 10, e0119702.	1.1	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. Bone Marrow Transplantation, 2016, 51, 687-691.	1.3	55
28	Human endogenous retrovirus type W (HERV-W) in schizophrenia: A new avenue of research at the geneâ€“environment interface. World Journal of Biological Psychiatry, 2013, 14, 80-90.	1.3	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. Transplantation, 2006, 82, 1436-1440.	0.5	53
30	Polymorphism of Toll-like receptor 4 gene in bipolar disorder. Journal of Affective Disorders, 2014, 152-154, 395-402.	2.0	53
31	Favorable impact of natural killer cell reconstitution on chronic graft-versus-host disease and cytomegalovirus reactivation after allogeneic hematopoietic stem cell transplantation. Haematologica, 2014, 99, 1860-1867.	1.7	53
32	Cognitive deterioration among bipolar disorder patients infected by Toxoplasma gondii is correlated to interleukin 6 levels. Journal of Affective Disorders, 2015, 179, 161-166.	2.0	49
33	Association of HLA-E Polymorphism with Severe Bacterial Infection and Early Transplant-Related Mortality in Matched Unrelated Bone Marrow Transplantation. Transplantation, 2005, 80, 140-144.	0.5	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. Circulation Research, 2017, 121, 71-80.	2.0	46
35	MHC class II isotype-specific signaling complex on human B cells. European Journal of Immunology, 2002, 32, 2282.	1.6	42
36	Post-traumatic stress disorder: revisiting adrenergics, glucocorticoids, immune system effects and homeostasis.. Clinical and Translational Immunology, 2014, 3, e27.	1.7	41

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37	Natural killer cell crosstalk with allogeneic human cardiac-derived stem/progenitor cells controls persistence. Cardiovascular Research, 2014, 104, 290-302.	1.8	39
38	Treatment with anti-toxoplasmic activity (TATA) for toxoplasma positive patients with bipolar disorders or schizophrenia: A cross-sectional study. Journal of Psychiatric Research, 2015, 63, 58-64.	1.5	39
39	HLA-class II haplotypes and Autism Spectrum Disorders. Scientific Reports, 2018, 8, 7639.	1.6	39
40	HLA-E*0101 allele in homozygous state favors severe bacterial infections in sickle cell anemia. Human Immunology, 2007, 68, 849-853.	1.2	38
41	Genetic diversity of TLR2, TLR4, and VDR loci and pulmonary tuberculosis in Moroccan patients. Journal of Infection in Developing Countries, 2014, 8, 430-440.	0.5	38
42	TGF-Î²-Induced (TGFBI) Protein in Melanoma: A Signature of High Metastatic Potential. Journal of Investigative Dermatology, 2014, 134, 1675-1685.	0.3	37
43	Protective effect of HLA-DQB1 alleles against alloimmunization in patients with sickle cell disease. Human Immunology, 2016, 77, 35-40.	1.2	35
44	Association between toll-like receptor 2 gene diversity and early-onset bipolar disorder. Journal of Affective Disorders, 2014, 165, 135-141.	2.0	34
45	Allogenic benefit in stem cell therapy: cardiac repair and regeneration. Tissue Antigens, 2015, 86, 155-162.	1.0	34
46	Immunogenetics today: HLA, MHC and much more. Current Opinion in Immunology, 2005, 17, 493-497.	2.4	31
47	Anti-HLA sensitization in extensively burned patients: extent, associated factors, and reduction in potential access to vascularized composite allotransplantation. Transplant International, 2015, 28, 582-593.	0.8	31
48	The HLA-G low expressor genotype is associated with protection against bipolar disorder. Human Immunology, 2013, 74, 593-597.	1.2	30
49	De Novo Donor-Specific Human Leukocyte Antigen Antibodies in Nonsensitized Kidney Transplant Recipients After T Cell-Mediated Rejection. Transplantation, 2015, 99, 965-972.	0.5	28
50	Association of HLA-G Low Expressor Genotype with Severe Acute Graft-Versus-Host Disease after Sibling Bone Marrow Transplantation. Frontiers in Immunology, 2011, 2, 74.	2.2	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. Transfusion, 2013, 54, n/a-n/a.	0.8	25
52	Donor Specific Antibodies are not only directed against HLA-DR: Minding your Ps and Qs. Human Immunology, 2016, 77, 1092-1100.	1.2	23
53	Association of NKG2D gene variants with susceptibility and severity of rheumatoid arthritis. Clinical and Experimental Immunology, 2017, 187, 369-375.	1.1	22
54	Regulation of the CD4+ T cell allo-immune response by endothelial cells. Human Immunology, 2012, 73, 1269-1274.	1.2	20

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55	The MHC class I MICA gene is a histocompatibility antigen in kidney transplantation. Nature Medicine, 2022, 28, 989-998.	15.2	20
56	Dectin-1 Polymorphism: A Genetic Disease Specifier in Autism Spectrum Disorders?. PLoS ONE, 2015, 10, e0137339.	1.1	19
57	Violent suicidal behaviour in bipolar disorder is associated with nitric oxide synthase 3 gene polymorphism. Acta Psychiatrica Scandinavica, 2015, 132, 218-225.	2.2	18
58	Resolution of a manic episode treated with activated charcoal: Evidence for a brainâ€“gut axis in bipolar disorder. Australian and New Zealand Journal of Psychiatry, 2015, 49, 1221-1223.	1.3	18
59	HLA genetics in bipolar disorder. Acta Psychiatrica Scandinavica, 2018, 138, 464-471.	2.2	18
60	The MCP-1 (CCL2) -2518 GG genotype is associated with protection against pulmonary tuberculosis in Moroccan patients. Journal of Infection in Developing Countries, 2012, 6, 73-78.	0.5	17
61	Natural Killer Lymphocytes Are Dysfunctional in Kidney Transplant Recipients on Diagnosis of Cancer. Transplantation, 2015, 99, 2422-2430.	0.5	16
62	Human leukocyte antigenâ€G polymorphism influences the age of onset and autoantibody status in rheumatoid arthritis. Tissue Antigens, 2015, 85, 182-189.	1.0	16
63	HLA and lung transplantation. Frontiers of Medicine, 2019, 13, 298-313.	1.5	15
64	Autologous white blood cell transfusion: Toward a younger immunity. Human Immunology, 2007, 68, 805-812.	1.2	14
65	Impact of the source of hematopoietic stem cell in unrelated transplants: Comparison between 10/10, 9/10â€‹<scp>HLA</scp> matched donors and cord blood. American Journal of Hematology, 2015, 90, 897-903.	2.0	14
66	Minimizing the risk of allo-sensitization to optimize the benefit of allogeneic cardiac-derived stem/progenitor cells. Scientific Reports, 2017, 7, 41125.	1.6	14
67	Anti-HLA antibodies in regenerative medicine stem cell therapy. Human Immunology, 2012, 73, 1287-1294.	1.2	13
68	Antiâ€“Angiotensin Type 1 Receptor Antibodies in Chronic Graft-Versus-Host Disease. Transplantation, 2014, 98, 470-474.	0.5	13
69	Genetic association between a â€˜standingâ€™ variant of NOD2 and bipolar disorder. Immunobiology, 2014, 219, 766-771.	0.8	13
70	Global Overview of the Transnational Alliance for Regenerative Therapies in Cardiovascular Syndromes (TACTICS) Recommendations. Circulation Research, 2018, 122, 199-201.	2.0	13
71	Human Cardiac-Derived Stem/Progenitor Cells Fine-Tune Monocyte-Derived Descendants Activities toward Cardiac Repair. Frontiers in Immunology, 2017, 8, 1413.	2.2	12
72	Extracellular Vesicles Released by Allogeneic Human Cardiac Stem/Progenitor Cells as Part of Their Therapeutic Benefit. Stem Cells Translational Medicine, 2019, 8, 911-924.	1.6	12

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73	Soluble MICA-NKG2D interaction upregulates IFN-Î³ production by activated CD3â^'CD56+ NK cells: Potential impact on chronic graft versus host disease. Human Immunology, 2013, 74, 1536-1541.	1.2	10
74	Antiâ€<scp>HLA</scp> sensitization after kidney allograft nephrectomy: changes one year postâ€surgery and beneficial effect of intravenous immunoglobulin. Clinical Transplantation, 2016, 30, 731-740.	0.8	10
75	The context of HLA-DR/CD18 complex in the plasma membrane governs HLA-DR-derived signals in activated monocytes. Molecular Immunology, 2008, 45, 709-718.	1.0	9
76	Polymorphisms in the promoter region of iNOS predispose to rheumatoid arthritis in south Indian Tamils. International Journal of Immunogenetics, 2017, 44, 114-121.	0.8	9
77	Compatibility at amino acid position 98 of MICB reduces the incidence of graft-versus-host disease in conjunction with the CMV status. Bone Marrow Transplantation, 2020, 55, 1367-1378.	1.3	9
78	Polymorphisms in Genes Coding for the NK-Cell Receptor NKG2D and its Ligand MICA in Recurrent Miscarriage. American Journal of Reproductive Immunology, 2014, 72, 577-585.	1.2	8
79	Cytokine expression and cytokine-based T cell profiling in South Indian rheumatoid arthritis. Immunobiology, 2014, 219, 772-777.	0.8	8
80	Cyclosporine and methotrexate-related pharmacogenomic predictors of acute graft-versus-host disease. Haematologica, 2015, 100, 275-283.	1.7	8
81	Extensively burned patients still need blood transfusions and skin allografts: unavoidable HLA sensitization requires optimization of VCA access. Transplant International, 2015, 28, 1229-1230.	0.8	8
82	Polymorphisms in oxidative stress-related genes are associated with nasopharyngeal carcinoma susceptibility. Immunobiology, 2015, 220, 20-25.	0.8	8
83	Functional polymorphisms of Monocyte Chemoattractant Protein-1 gene and Pottâ€™s disease risk. Immunobiology, 2016, 221, 462-467.	0.8	8
84	Association of MICAâ€129 polymorphism and circulating soluble MICA level with rheumatoid arthritis in a south Indian Tamil population. International Journal of Rheumatic Diseases, 2018, 21, 656-663.	0.9	8
85	Association between CRP genetic diversity and bipolar disorder comorbid complications. International Journal of Bipolar Disorders, 2018, 6, 4.	0.8	8
86	GLCCI1 and Glucocorticoid Receptor Genetic Diversity and Response to Glucocorticoid-Based Treatment of Graft-versus-Host Disease. Biology of Blood and Marrow Transplantation, 2015, 21, 1246-1250.	2.0	7
87	<scp>HLA</scp> class II alleles influence rheumatoid arthritis susceptibility and autoantibody status in South Indian Tamil population. Hla, 2016, 88, 253-258.	0.4	7
88	Immune responses to bioengineered organs. Current Opinion in Organ Transplantation, 2017, 22, 79-85.	0.8	7
89	Decreased proâ€inflammatory cytokines and increased CCR7 expression on Tâ€lymphocyte subsets are predictive of response to extracorporeal photopheresis in patients with GvHD. British Journal of Haematology, 2011, 154, 409-413.	1.2	6
90	Soluble MICA and anti-MICA Antibodies as Biomarkers of Nasopharyngeal Carcinoma Disease. Immunological Investigations, 2020, 49, 498-509.	1.0	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.	0.6	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.	0.2	2
94	39-OR. Human Immunology, 2013, 74, 30.	1.2	1
95	The TRANSPLANTEX initiative. Human Immunology, 2016, 77, 1005-1007.	1.2	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.	0.8	1
97	Editorial: Alloimmune Response From Regenerative Medicine. Frontiers in Immunology, 2018, 9, 3121.	2.2	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.	1.2	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.	0.2	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.	0.6	0
103	Exploration of Immunology: challenging knowledge, developing curiosity and transforming passion into discovery. , 0, , .		0