

# Pierre-Antoine Gourraud

## List of Publications by Citations

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**Version:** 2024-04-28

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78  
papers

4,365  
citations

33  
h-index

65  
g-index

90  
ext. papers

5,502  
ext. citations

6.7  
avg, IF

4.72  
L-index

#	Paper	IF	Citations
78	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. <i>Nature Genetics</i> , <b>2013</b> , 45, 1353-60	36.3	934
77	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. <i>Science</i> , <b>2019</b> , 365,	33.3	309
76	Long-term evolution of multiple sclerosis disability in the treatment era. <i>Annals of Neurology</i> , <b>2016</b> , 80, 499-510	9.4	229
75	Class II HLA interactions modulate genetic risk for multiple sclerosis. <i>Nature Genetics</i> , <b>2015</b> , 47, 1107-1113	36.3	215
74	The genetics of multiple sclerosis: an up-to-date review. <i>Immunological Reviews</i> , <b>2012</b> , 248, 87-103	11.3	192
73	Traditional cardiovascular risk factors in rheumatoid arthritis: a meta-analysis. <i>Joint Bone Spine</i> , <b>2011</b> , 78, 179-83	2.9	190
72	Fine-mapping the genetic association of the major histocompatibility complex in multiple sclerosis: HLA and non-HLA effects. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003926	6	186
71	Vitamin D status predicts new brain magnetic resonance imaging activity in multiple sclerosis. <i>Annals of Neurology</i> , <b>2012</b> , 72, 234-40	9.4	171
70	B cell exchange across the blood-brain barrier in multiple sclerosis. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 4533-43	15.9	163
69	Network-based multiple sclerosis pathway analysis with GWAS data from 15,000 cases and 30,000 controls. <i>American Journal of Human Genetics</i> , <b>2013</b> , 92, 854-65	11	132
68	HLA diversity in the 1000 genomes dataset. <i>PLoS ONE</i> , <b>2014</b> , 9, e97282	3.7	112
67	The role of human leukocyte antigen matching in the development of multiethnic "haplobank" of induced pluripotent stem cell lines. <i>Stem Cells</i> , <b>2012</b> , 30, 180-6	5.8	110
66	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. <i>Cell</i> , <b>2018</b> , 175, 1679-1687	68.7	772
65	Aggregation of multiple sclerosis genetic risk variants in multiple and single case families. <i>Annals of Neurology</i> , <b>2011</b> , 69, 65-74	9.4	68
64	Predictors of hospital discharge and mortality in patients with diabetes and COVID-19: updated results from the nationwide CORONADO study. <i>Diabetologia</i> , <b>2021</b> , 64, 778-794	10.3	61
63	High-Accuracy HLA Type Inference from Whole-Genome Sequencing Data Using Population Reference Graphs. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1005151	5	60
62	A genome-wide meta-analysis of nodular sclerosing Hodgkin lymphoma identifies risk loci at 6p21.32. <i>Blood</i> , <b>2012</b> , 119, 469-75	2.2	52

61	A genome-wide association study of brain lesion distribution in multiple sclerosis. <i>Brain</i> , <b>2013</b> , 136, 1012-14	12.4	45
60	Genetic risk variants in African Americans with multiple sclerosis. <i>Neurology</i> , <b>2013</b> , 81, 219-27	6.5	45
59	Linkage disequilibrium organization of the human KIR superlocus: implications for KIR data analyses. <i>Immunogenetics</i> , <b>2010</b> , 62, 729-40	3.2	45
58	An ImmunoChip study of multiple sclerosis risk in African Americans. <i>Brain</i> , <b>2015</b> , 138, 1518-30	11.2	44
57	Association of HLA Genetic Risk Burden With Disease Phenotypes in Multiple Sclerosis. <i>JAMA Neurology</i> , <b>2016</b> , 73, 795-802	17.2	43
56	Genetic variants are major determinants of CSF antibody levels in multiple sclerosis. <i>Brain</i> , <b>2015</b> , 138, 632-43	11.2	42
55	Biobanks for genomics and genomics for biobanks. <i>Comparative and Functional Genomics</i> , <b>2003</b> , 4, 628-34		42
54	Genome-wide association study and admixture mapping reveal new loci associated with total IgE levels in Latinos. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 1502-10	11.5	40
53	A new classification of HLA-DRB1 alleles differentiates predisposing and protective alleles for rheumatoid arthritis structural severity. <i>Arthritis and Rheumatism</i> , <b>2006</b> , 54, 593-9		39
52	Inferred HLA haplotype information for donors from hematopoietic stem cells donor registries. <i>Human Immunology</i> , <b>2005</b> , 66, 563-70	2.3	38
51	Precision medicine in chronic disease management: The multiple sclerosis BioScreen. <i>Annals of Neurology</i> , <b>2014</b> , 76, 633-42	9.4	36
50	Association study in African-admixed populations across the Americas recapitulates asthma risk loci in non-African populations. <i>Nature Communications</i> , <b>2019</b> , 10, 880	17.4	36
49	Oligoclonal bands and age at onset correlate with genetic risk score in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2014</b> , 20, 660-8	5	35
48	Why statistics matter: limited inter-rater agreement prevents using the psoriasis area and severity index as a unique determinant of therapeutic decision in psoriasis. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 2171-5	4.3	35
47	Galectin-1 is a powerful marker to distinguish chondroblastic osteosarcoma and conventional chondrosarcoma. <i>Human Pathology</i> , <b>2010</b> , 41, 1220-30	3.7	34
46	A new classification of HLA-DRB1 alleles differentiates predisposing and protective alleles for autoantibody production in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , <b>2007</b> , 9, R27	5.7	31
45	Refining the association of MHC with multiple sclerosis in African Americans. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 3080-8	5.6	29
44	Handling missing values in population data: consequences for maximum likelihood estimation of haplotype frequencies. <i>European Journal of Human Genetics</i> , <b>2004</b> , 12, 805-12	5.3	24

43	Meta-analysis indicates that the European GWAS-identified risk SNP rs1344706 within ZNF804A is not associated with schizophrenia in Han Chinese population. <i>PLoS ONE</i> , <b>2013</b> , 8, e65780	3.7	24
42	Distribution of Bacterial $\beta$ ,3-Galactosyltransferase Genes in the Human Gut Microbiome. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 3000	8.4	22
41	Renal cortical volume: High correlation with pre- and post-operative renal function in living kidney donors. <i>European Journal of Radiology</i> , <b>2018</b> , 99, 118-123	4.7	20
40	Evaluating the genomic and sequence integrity of human ES cell lines; comparison to normal genomes. <i>Stem Cell Research</i> , <b>2012</b> , 8, 154-64	1.6	20
39	Identifying tagging SNPs for African specific genetic variation from the African Diaspora Genome. <i>Scientific Reports</i> , <b>2017</b> , 7, 46398	4.9	17
38	Haplotype-based approach to known MS-associated regions increases the amount of explained risk. <i>Journal of Medical Genetics</i> , <b>2015</b> , 52, 587-94	5.8	17
37	When is the absence of evidence, evidence of absence? Use of equivalence-based analyses in genetic epidemiology and a conclusion for the KIF1B rs10492972*C allelic association in multiple sclerosis. <i>Genetic Epidemiology</i> , <b>2011</b> , 35, 568-71	2.6	17
36	Meta-analysis of genome-wide association studies reveals genetic overlap between Hodgkin lymphoma and multiple sclerosis. <i>International Journal of Epidemiology</i> , <b>2016</b> , 45, 728-40	7.8	16
35	Comparison of high-resolution human leukocyte antigen haplotype frequencies in different ethnic groups: Consequences of sampling fluctuation and haplotype frequency distribution tail truncation. <i>Human Immunology</i> , <b>2015</b> , 76, 374-80	2.3	15
34	Deconditioning, fatigue and impaired quality of life in long-term survivors after allogeneic hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , <b>2018</b> , 53, 281-290	4.4	15
33	Genetic overlap between autoimmune diseases and non-Hodgkin lymphoma subtypes. <i>Genetic Epidemiology</i> , <b>2019</b> , 43, 844-863	2.6	15
32	Harnessing electronic medical records to advance research on multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2019</b> , 25, 408-418	5	15
31	An intermediate level of CD161 expression defines a novel activated, inflammatory, and pathogenic subset of CD8 T cells involved in multiple sclerosis. <i>Journal of Autoimmunity</i> , <b>2018</b> , 88, 61-74 <sup>15.5</sup>	15.5	14
30	Highly conserved extended haplotypes of the major histocompatibility complex and their relationship to multiple sclerosis susceptibility. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190043	3.7	14
29	Genetic variation in the odorant receptors family 13 and the mhc loci influence mate selection in a multiple sclerosis dataset. <i>BMC Genomics</i> , <b>2010</b> , 11, 626	4.5	13
28	Robustness and relevance of predictive score in sudden cardiac death for patients with Brugada syndrome. <i>European Heart Journal</i> , <b>2021</b> , 42, 1687-1695	9.5	13
27	Strategies in analysis of the genetic component of multifactorial diseases; biostatistical aspects. <i>Transplant Immunology</i> , <b>2005</b> , 14, 255-66	1.7	11
26	Introduction to statistical analysis of population data in immunogenetics. <i>Transplant Immunology</i> , <b>2005</b> , 14, 245-53	1.7	11

25	VALIDation of the IBD-Disk Instrument for Assessing Disability in Inflammatory Bowel Diseases in a French Cohort: The VALIDate Study. <i>Journal of Crohns and Colitis</i> , <b>2020</b> , 14, 1512-1523	1.5	11
24	High-resolution HLA-A, HLA-B, and HLA-DRB1 haplotype frequencies from the French Bone Marrow Donor Registry. <i>Human Immunology</i> , <b>2015</b> , 76, 381-4	2.3	9
23	Analytical methods for immunogenetic population data. <i>Methods in Molecular Biology</i> , <b>2012</b> , 882, 215-44	1.4	8
22	Genetic contribution to multiple sclerosis risk among Ashkenazi Jews. <i>BMC Medical Genetics</i> , <b>2015</b> , 16, 55	2.1	7
21	A new classification of HLA-DRB1 alleles based on acid-base properties of the amino acids located at positions 13, 70 and 71: impact on ACPA status or structural progression, and meta-analysis on 1235 patients with rheumatoid from two cohorts (ESPOIR and EAC cohort). <i>RMD Open</i> , <b>2015</b> , 1, e000099	5.9	7
20	Easy-HLA: a validated web application suite to reveal the full details of HLA typing. <i>Bioinformatics</i> , <b>2020</b> , 36, 2157-2164	7.2	7
19	Association of HLA-DRB1*09:01 with tIgE levels among African-ancestry individuals with asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 146, 147-155	11.5	6
18	Direct-to-consumer health genetic testing services: What commercial strategies for which socio-ethical issues?. <i>Health Sociology Review</i> , <b>2013</b> , 22, 75-87	2.3	6
17	SNP-HLA Reference Consortium (SHLARC): HLA and SNP data sharing for promoting MHC-centric analyses in genomics. <i>Genetic Epidemiology</i> , <b>2020</b> , 44, 733-740	2.6	6
16	Subclinical Saccadic Eye Movement Dysfunction in Pediatric Multiple Sclerosis. <i>Journal of Child Neurology</i> , <b>2019</b> , 34, 38-43	2.5	6
15	The nature of genetic and environmental susceptibility to multiple sclerosis. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246157	1.57	5
14	SNP imputation bias reduces effect size determination. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 30	4.5	4
13	Current HLA Investigations on SARS-CoV-2 and Perspectives.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 774922	4.5	4
12	Cancer risk evaluation in psoriasis: in search of the Holy Grail?. <i>Journal of Investigative Dermatology</i> , <b>2009</b> , 129, 2547-9	4.3	3
11	Genetic screening of male patients with primary hypogammaglobulinemia can guide diagnosis and clinical management. <i>Human Immunology</i> , <b>2018</b> , 79, 571-577	2.3	2
10	Standard methods for the management of immunogenetic data. <i>Methods in Molecular Biology</i> , <b>2012</b> , 882, 197-213	1.4	2
9	Association between blastocyst morphology and maternal first trimester serum markers in ongoing pregnancies obtained after single fresh blastocyst transfer. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2021</b> , 258, 63-69	2.4	2
8	Secure Distribution of Factor Analysis of Mixed Data (FAMD) and Its Application to Personalized Medicine of Transplanted Patients. <i>Lecture Notes in Networks and Systems</i> , <b>2021</b> , 507-518	0.5	2

7	23rd Nantes Actualité Transplantation: "Genomics and Immunogenetics of Kidney and Inflammatory Diseases-Lessons for Transplantation". <i>Transplantation</i> , <b>2019</b> , 103, 857-861	1.8	1
6	Electronic medical records in multiple sclerosis research. <i>Clinical and Experimental Neuroimmunology</i> , <b>2018</b> , 9, 13-18	0.4	1
5	Approaching Genetics Through the MHC Lens: Tools and Methods for HLA Research.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 774916	4.5	1
4	Genetic susceptibility to multiple sclerosis in African Americans. <i>PLoS ONE</i> , <b>2021</b> , 16, e0254945	3.7	0
3	MakAir, un ventilateur né de la pandémie COVID-19 conçu grâce à l'impression 3D, le numérique et l'open innovation. <i>Medecine De Catastrophe Urgences Collectives</i> , <b>2020</b> , 4, 233-240	0.1	
2	Differences Between Europe and the United States on AI/Digital Policy: Comment Response to Roundtable Discussion on AI <b>2020</b> , 4, 247028972090710	0.9	
1	Multidimensional reduction of multicentric cohort heterogeneity: An alternative method to increase statistical power and robustness. <i>Human Immunology</i> , <b>2016</b> , 77, 1024-1029	2.3	