

# Alexandre Montpetit

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

18,149  
citations

70961

41  
h-index

114278

63  
g-index

64  
all docs

64  
docs citations

64  
times ranked

27049  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative genomic analysis of matched primary and metastatic pediatric osteosarcoma. <i>Journal of Pathology</i> , 2019, 249, 319-331.	2.1	36
2	H3K27M induces defective chromatin spread of PRC2-mediated repressive H3K27me2/me3 and is essential for glioma tumorigenesis. <i>Nature Communications</i> , 2019, 10, 1262.	5.8	215
3	A PRDX1 mutant allele causes a MMACHC secondary epimutation in cblC patients. <i>Nature Communications</i> , 2018, 9, 67.	5.8	64
4	Toxoplasma Modulates Signature Pathways of Human Epilepsy, Neurodegeneration & Cancer. <i>Scientific Reports</i> , 2017, 7, 11496.	1.6	97
5	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. <i>Cancer Cell</i> , 2016, 30, 891-908.	7.7	191
6	Immunoseq: the identification of functionally relevant variants through targeted capture and sequencing of active regulatory regions in human immune cells. <i>BMC Medical Genomics</i> , 2016, 9, 59.	0.7	26
7	Molecular subgroups of atypical teratoid rhabdoid tumours in children: an integrated genomic and clinicopathological analysis. <i>Lancet Oncology</i> , The, 2015, 16, 569-582.	5.1	147
8	Variation at the DPP4 locus influences apolipoprotein B levels in South Asians and exhibits heterogeneity in Europeans related to BMI. <i>Diabetologia</i> , 2014, 57, 738-745.	2.9	9
9	<i>ALOX12</i> in Human Toxoplasmosis. <i>Infection and Immunity</i> , 2014, 82, 2670-2679.	1.0	28
10	Genomic analysis of diffuse intrinsic pontine gliomas identifies three molecular subgroups and recurrent activating ACVR1 mutations. <i>Nature Genetics</i> , 2014, 46, 451-456.	9.4	525
11	Fusion of TTYH1 with the C19MC microRNA cluster drives expression of a brain-specific DNMT3B isoform in the embryonal brain tumor ETMR. <i>Nature Genetics</i> , 2014, 46, 39-44.	9.4	167
12	Genetic Information and the Prediction of Incident Type 2 Diabetes in a High-Risk Multiethnic Population. <i>Diabetes Care</i> , 2013, 36, 2836-2842.	4.3	22
13	MEDNIK syndrome: a novel defect of copper metabolism treatable by zinc acetate therapy. <i>Brain</i> , 2013, 136, 872-881.	3.7	130
14	Mutations in SETD2 and genes affecting histone H3K36 methylation target hemispheric high-grade gliomas. <i>Acta Neuropathologica</i> , 2013, 125, 659-669.	3.9	250
15	Impaired Innate Immunity in Mice Deficient in Interleukin-1 Receptor-Associated Kinase 4 Leads to Defective Type 1 T Cell Responses, B Cell Expansion, and Enhanced Susceptibility to Infection with <i>Toxoplasma gondii</i> . <i>Infection and Immunity</i> , 2012, 80, 4298-4308.	1.0	23
16	K27M mutation in histone H3.3 defines clinically and biologically distinct subgroups of pediatric diffuse intrinsic pontine gliomas. <i>Acta Neuropathologica</i> , 2012, 124, 439-447.	3.9	799
17	Driver mutations in histone H3.3 and chromatin remodelling genes in paediatric glioblastoma. <i>Nature</i> , 2012, 482, 226-231.	13.7	2,129
18	Genome-wide assessment of imprinted expression in human cells. <i>Genome Biology</i> , 2011, 12, R25.	13.9	56

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19	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , 2011, 88, 6-18.	2.6	122
20	Rare variants in the <i>CYP27B1</i> gene are associated with multiple sclerosis. <i>Annals of Neurology</i> , 2011, 70, 881-886.	2.8	204
21	NALP1 Influences Susceptibility to Human Congenital Toxoplasmosis, Proinflammatory Cytokine Response, and Fate of <i>Toxoplasma gondii</i> -Infected Monocytic Cells. <i>Infection and Immunity</i> , 2011, 79, 756-766.	1.0	169
22	Fine Mapping of the Insulin-Induced Gene 2 Identifies a Variant Associated With LDL Cholesterol and Total Apolipoprotein B Levels. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 454-461.	5.1	7
23	Genome-wide profiling using single-nucleotide polymorphism arrays identifies novel chromosomal imbalances in pediatric glioblastomas. <i>Neuro-Oncology</i> , 2010, 12, 153-163.	0.6	72
24	A human ALDH1A2 gene variant is associated with increased newborn kidney size and serum retinoic acid. <i>Kidney International</i> , 2010, 78, 96-102.	2.6	41
25	Genetic Variants Associated With Myocardial Infarction Risk Factors in Over 8000 Individuals From Five Ethnic Groups. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 16-25.	5.1	67
26	Identification of susceptibility genes for complex diseases using pooling-based genome-wide association scans. <i>Human Genetics</i> , 2009, 125, 305-318.	1.8	74
27	Analyses of associations with asthma in four asthma population samples from Canada and Australia. <i>Human Genetics</i> , 2009, 125, 445-459.	1.8	95
28	Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. <i>Nature Genetics</i> , 2009, 41, 157-159.	9.4	585
29	Genetic variant near <i>IRS1</i> is associated with type 2 diabetes, insulin resistance and hyperinsulinemia. <i>Nature Genetics</i> , 2009, 41, 1110-1115.	9.4	418
30	Global patterns of cis variation in human cells revealed by high-density allelic expression analysis. <i>Nature Genetics</i> , 2009, 41, 1216-1222.	9.4	206
31	CAG Expansion in the Huntington Disease Gene Is Associated with a Specific and Targetable Predisposing Haplogroup. <i>American Journal of Human Genetics</i> , 2009, 84, 351-366.	2.6	204
32	K45R variant of squalene synthase increases total cholesterol levels in two study samples from a French Canadian population. <i>Human Mutation</i> , 2008, 29, 689-694.	1.1	5
33	Genome-wide association scan identifies a colorectal cancer susceptibility locus on 11q23 and replicates risk loci at 8q24 and 18q21. <i>Nature Genetics</i> , 2008, 40, 631-637.	9.4	542
34	Meta-analysis of genome-wide association data identifies four new susceptibility loci for colorectal cancer. <i>Nature Genetics</i> , 2008, 40, 1426-1435.	9.4	498
35	Identification of a chromosome 8p locus for early-onset coronary heart disease in a French Canadian population. <i>European Journal of Human Genetics</i> , 2008, 16, 105-114.	1.4	17
36	Concept, Design and Implementation of a Cardiovascular Gene-Centric 50 K SNP Array for Large-Scale Genomic Association Studies. <i>PLoS ONE</i> , 2008, 3, e3583.	1.1	339

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37	Genetic variation in immune signaling genes differentially expressed in asthmatic lung tissues. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 529-536.e17.	1.5	14
38	Genetic Variants of <i>FTO</i> Influence Adiposity, Insulin Sensitivity, Leptin Levels, and Resting Metabolic Rate in the Quebec Family Study. <i>Diabetes</i> , 2008, 57, 1147-1150.	0.3	206
39	HLA class I alleles tag <i>HLA-DRB1</i> * <i>1501</i> haplotypes for differential risk in multiple sclerosis susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13069-13074.	3.3	86
40	Disruption of <i>AP1S1</i> , Causing a Novel Neurocutaneous Syndrome, Perturbs Development of the Skin and Spinal Cord. <i>PLoS Genetics</i> , 2008, 4, e1000296.	1.5	131
41	Germline <i>EPHB2</i> Receptor Variants in Familial Colorectal Cancer. <i>PLoS ONE</i> , 2008, 3, e2885.	1.1	16
42	Correction of Population Stratification in Large Multi-Ethnic Association Studies. <i>PLoS ONE</i> , 2008, 3, e1382.	1.1	60
43	Genetic Control of Alternative Splicing in the <i>TAP2</i> Gene: Possible Implication in the Genetics of Type 1 Diabetes. <i>Diabetes</i> , 2007, 56, 270-275.	0.3	27
44	Association of Urokinase-type Plasminogen Activator with Asthma and Atopy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 1109-1116.	2.5	47
45	Genetic Analysis of 103 Candidate Genes for Coronary Artery Disease and Associated Phenotypes in a Founder Population Reveals a New Association between Endothelin-1 and High-Density Lipoprotein Cholesterol. <i>American Journal of Human Genetics</i> , 2007, 80, 673-682.	2.6	79
46	Genome-wide association scan identifies a colorectal cancer susceptibility locus on chromosome 8q24. <i>Nature Genetics</i> , 2007, 39, 989-994.	9.4	676
47	A genome-wide association study identifies novel risk loci for type 2 diabetes. <i>Nature</i> , 2007, 445, 881-885.	13.7	2,651
48	A second generation human haplotype map of over 3.1 million SNPs. <i>Nature</i> , 2007, 449, 851-861.	13.7	4,137
49	Evaluating the performance of commercial whole-genome marker sets for capturing common genetic variation. <i>BMC Genomics</i> , 2007, 8, 159.	1.2	29
50	An Evaluation of the Performance of Tag SNPs Derived from HapMap in a Caucasian Population. <i>PLoS Genetics</i> , 2006, 2, e27.	1.5	105
51	<i>PRKCA</i> and Multiple Sclerosis: Association in Two Independent Populations. <i>PLoS Genetics</i> , 2006, 2, e42.	1.5	45
52	A predominant role for the HLA class II region in the association of the MHC region with multiple sclerosis. <i>Nature Genetics</i> , 2005, 37, 1108-1112.	9.4	295
53	An atypical form of erythrokeratoderma variabilis maps to chromosome 7q22. <i>Human Genetics</i> , 2005, 116, 167-171.	1.8	33
54	Susceptibility to leprosy is associated with <i>PARK2</i> and <i>PACRG</i> . <i>Nature</i> , 2004, 427, 636-640.	13.7	426

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55	Association of Vitamin D Receptor Genetic Variants with Susceptibility to Asthma and Atopy. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 967-973.	2.5	217
56	Analysis of the conservation of synteny between Fugu and human chromosome 12. BMC Genomics, 2003, 4, 30.	1.2	6
57	A detailed transcriptional map of the chromosome 12p12 tumour suppressor locus. European Journal of Human Genetics, 2002, 10, 62-71.	1.4	38
58	Comparative analysis of the ETV6 gene in vertebrate genomes from pufferfish to human. Oncogene, 2001, 20, 3437-3442.	2.6	10