

# Christophe Aj Girard

## List of Publications by Year in descending order

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32  
papers

4,670  
citations

186265

28  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

5935  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Obesity-Associated <i>FTO</i> Gene Encodes a 2-Oxoglutarate-Dependent Nucleic Acid Demethylase. <i>Science</i> , 2007, 318, 1469-1472.	12.6	1,305
2	Overexpression of <i>Fto</i> leads to increased food intake and results in obesity. <i>Nature Genetics</i> , 2010, 42, 1086-1092.	21.4	612
3	Control of Pancreatic $\beta$ Cell Regeneration by Glucose Metabolism. <i>Cell Metabolism</i> , 2011, 13, 440-449.	16.2	266
4	A heterozygous activating mutation in the sulphonylurea receptor SUR1 (ABCC8) causes neonatal diabetes. <i>Human Molecular Genetics</i> , 2006, 15, 1793-1800.	2.9	196
5	Permanent Neonatal Diabetes Caused by Dominant, Recessive, or Compound Heterozygous SUR1 Mutations with Opposite Functional Effects. <i>American Journal of Human Genetics</i> , 2007, 81, 375-382.	6.2	194
6	Relapsing diabetes can result from moderately activating mutations in <i>KCNJ11</i> . <i>Human Molecular Genetics</i> , 2005, 14, 925-934.	2.9	184
7	Mechanisms underlying excitatory effects of group I metabotropic glutamate receptors via inhibition of 2P domain K <sup>+</sup> channels. <i>EMBO Journal</i> , 2003, 22, 5403-5411.	7.8	171
8	Epitope Spreading of Autoantibody Response to PLA2R Associates with Poor Prognosis in Membranous Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1517-1533.	6.1	161
9	Genomic and Functional Characteristics of Novel Human Pancreatic 2P Domain K <sup>+</sup> Channels. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 249-256.	2.1	157
10	Emerging roles of secreted phospholipase A2 enzymes: Lessons from transgenic and knockout mice. <i>Biochimie</i> , 2010, 92, 561-582.	2.6	141
11	p11, an annexin II subunit, an auxiliary protein associated with the background K <sup>+</sup> channel, TASK-1. <i>EMBO Journal</i> , 2002, 21, 4439-4448.	7.8	133
12	Sulfonylurea improves CNS function in a case of intermediate DEND syndrome caused by a mutation in <i>KCNJ11</i> . <i>Nature Clinical Practice Neurology</i> , 2007, 3, 640-645.	2.5	102
13	A gating mutation at the internal mouth of the Kir6.2 pore is associated with DEND syndrome. <i>EMBO Reports</i> , 2005, 6, 470-475.	4.5	99
14	Expression of an activating mutation in the gene encoding the KATP channel subunit Kir6.2 in mouse pancreatic $\beta$ cells recapitulates neonatal diabetes. <i>Journal of Clinical Investigation</i> , 2009, 119, 80-90.	8.2	95
15	Functional effects of <i>KCNJ11</i> mutations causing neonatal diabetes: enhanced activation by MgATP. <i>Human Molecular Genetics</i> , 2005, 14, 2717-2726.	2.9	74
16	Cancer cell-derived long pentraxin 3 (PTX3) promotes melanoma migration through a toll-like receptor 4 (TLR4)/NF- $\kappa$ B signaling pathway. <i>Oncogene</i> , 2019, 38, 5873-5889.	5.9	71
17	ATP Sensitivity of the ATP-Sensitive K <sup>+</sup> Channel in Intact and Permeabilized Pancreatic $\beta$ -Cells. <i>Diabetes</i> , 2006, 55, 2446-2454.	0.6	68
18	Pancreatic two P domain K <sup>+</sup> channels TALK-1 and TALK-2 are activated by nitric oxide and reactive oxygen species. <i>Journal of Physiology</i> , 2005, 562, 235-244.	2.9	66

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19	Mutations at the Same Residue (R50) of Kir6.2 (KCNJ11) That Cause Neonatal Diabetes Produce Different Functional Effects. <i>Diabetes</i> , 2006, 55, 1705-1712.	0.6	64
20	Kir6.2 mutations causing neonatal diabetes provide new insights into Kir6.2-SUR1 interactions. <i>EMBO Journal</i> , 2005, 24, 2318-2330.	7.8	63
21	Group X Secreted Phospholipase A2 Limits the Development of Atherosclerosis in LDL Receptor-Null Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 466-473.	2.4	60
22	PLA2R1 Mediates Tumor Suppression by Activating JAK2. <i>Cancer Research</i> , 2013, 73, 6334-6345.	0.9	60
23	Functional analysis of six Kir6.2 (KCNJ11) mutations causing neonatal diabetes. <i>Pflugers Archiv European Journal of Physiology</i> , 2006, 453, 323-332.	2.8	53
24	Mechanism of action of a sulphonylurea receptor SUR1 mutation (F132L) that causes DEND syndrome. <i>Human Molecular Genetics</i> , 2007, 16, 2011-2019.	2.9	51
25	A Feed-Forward Mechanosignaling Loop Confers Resistance to Therapies Targeting the MAPK Pathway in BRAF-Mutant Melanoma. <i>Cancer Research</i> , 2020, 80, 1927-1941.	0.9	46
26	Functional Effects of Mutations at F35 in the NH2-terminus of Kir6.2 (KCNJ11), Causing Neonatal Diabetes, and Response to Sulfonylurea Therapy. <i>Diabetes</i> , 2006, 55, 1731-1737.	0.6	41
27	Adjacent mutations in the gating loop of Kir6.2 produce neonatal diabetes and hyperinsulinism. <i>EMBO Molecular Medicine</i> , 2009, 1, 166-177.	6.9	36
28	PLA2R1 kills cancer cells by inducing mitochondrial stress. <i>Free Radical Biology and Medicine</i> , 2013, 65, 969-977.	2.9	33
29	Functional analysis of two Kir6.2 (KCNJ11) mutations, K170T and E322K, causing neonatal diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2007, 9, 46-55.	4.4	21
30	Mosaic Paternal Uniparental Isodisomy and an ABCC8 Gene Mutation in a Patient With Permanent Neonatal Diabetes and Hemihypertrophy. <i>Diabetes</i> , 2008, 57, 255-258.	0.6	15
31	Secretion of IL1 by Dedifferentiated Melanoma Cells Inhibits JAK1-STAT3-Driven Actomyosin Contractility of Lymph Node Fibroblastic Reticular Cells. <i>Cancer Research</i> , 2022, 82, 1774-1788.	0.9	12
32	Inhibition of Patched Drug Efflux Increases Vemurafenib Effectiveness against Resistant BrafV600E Melanoma. <i>Cancers</i> , 2020, 12, 1500.	3.7	9