Christophe Aj Girard

List of Publications by Year
in descending order

32	4,670	185998 28	360668 35
papers	citations	h-index	g-index

36	36	36	5935
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Obesity-Associated FTO Gene Encodes a 2-Oxoglutarate-Dependent Nucleic Acid Demethylase. Science, 2007, 318, 1469-1472.	6.0	1,305
2	Overexpression of Fto leads to increased food intake and results in obesity. Nature Genetics, 2010, 42, 1086-1092.	9.4	612
3	Control of Pancreatic Î² Cell Regeneration by Glucose Metabolism. Cell Metabolism, 2011, 13, 440-449.	7.2	266
4	A heterozygous activating mutation in the sulphonylurea receptor SUR1 (ABCC8) causes neonatal diabetes. Human Molecular Genetics, 2006, 15, 1793-1800.	1.4	196
5	Permanent Neonatal Diabetes Caused by Dominant, Recessive, or Compound Heterozygous SUR1 Mutations with Opposite Functional Effects. American Journal of Human Genetics, 2007, 81, 375-382.	2.6	194
6	Relapsing diabetes can result from moderately activating mutations in KCNJ11. Human Molecular Genetics, 2005, 14, 925-934.	1.4	184
7	Mechanisms underlying excitatory effects of group I metabotropic glutamate receptors via inhibition of 2P domain K+ channels. EMBO Journal, 2003, 22, 5403-5411.	3.5	171
8	Epitope Spreading of Autoantibody Response to PLA2R Associates with Poor Prognosis in Membranous Nephropathy. Journal of the American Society of Nephrology: JASN, 2016, 27, 1517-1533.	3.0	161
9	Genomic and Functional Characteristics of Novel Human Pancreatic 2P Domain K+ Channels. Biochemical and Biophysical Research Communications, 2001, 282, 249-256.	1.0	157
10	Emerging roles of secreted phospholipase A2 enzymes: Lessons from transgenic and knockout mice. Biochimie, 2010, 92, 561-582.	1.3	141
11	p11, an annexin II subunit, an auxiliary protein associated with the background K+ channel, TASK-1. EMBO Journal, 2002, 21, 4439-4448.	3.5	133
12	Sulfonylurea improves CNS function in a case of intermediate DEND syndrome caused by a mutation in KCNJ11. Nature Clinical Practice Neurology, 2007, 3, 640-645.	2.7	102
13	A gating mutation at the internal mouth of the Kir6.2 pore is associated with DEND syndrome. EMBO Reports, 2005, 6, 470-475.	2.0	99
14	Expression of an activating mutation in the gene encoding the KATP channel subunit Kir6.2 in mouse pancreatic Î² cells recapitulates neonatal diabetes. Journal of Clinical Investigation, 2009, 119, 80-90.	3.9	95
15	Functional effects of KCNJ11 mutations causing neonatal diabetes: enhanced activation by MgATP. Human Molecular Genetics, 2005, 14, 2717-2726.	1.4	74
16	Cancer cell-derived long pentraxin 3 (PTX3) promotes melanoma migration through a toll-like receptor 4 (TLR4)/NF-Î²B signaling pathway. Oncogene, 2019, 38, 5873-5889.	2.6	71
17	ATP Sensitivity of the ATP-Sensitive K+Channel in Intact and Permeabilized Pancreatic Î²-Cells. Diabetes, 2006, 55, 2446-2454.	0.3	68
18	Pancreatic two P domain K+channels TALK-1 and TALK-2 are activated by nitric oxide and reactive oxygen species. Journal of Physiology, 2005, 562, 235-244.	1.3	66

#	Article	IF	Citations
19	Mutations at the Same Residue (R50) of Kir6.2 (KCNJ11) That Cause Neonatal Diabetes Produce Different Functional Effects. Diabetes, 2006, 55, 1705-1712.	0.3	64
20	Kir6.2 mutations causing neonatal diabetes provide new insights into Kir6.2â€“SUR1 interactions. EMBO Journal, 2005, 24, 2318-2330.	3.5	63
21	Group X Secreted Phospholipase A2 Limits the Development of Atherosclerosis in LDL Receptorâ€“Null Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 466-473.	1.1	60
22	PLA2R1 Mediates Tumor Suppression by Activating JAK2. Cancer Research, 2013, 73, 6334-6345.	0.4	60
23	Functional analysis of six Kir6.2 (KCNJ11) mutations causing neonatal diabetes. Pflugers Archiv European Journal of Physiology, 2006, 453, 323-332.	1.3	53
24	Mechanism of action of a sulphonylurea receptor SUR1 mutation (F132L) that causes DEND syndrome. Human Molecular Genetics, 2007, 16, 2011-2019.	1.4	51
25	A Feed-Forward Mechanosignaling Loop Confers Resistance to Therapies Targeting the MAPK Pathway in BRAF-Mutant Melanoma. Cancer Research, 2020, 80, 1927-1941.	0.4	46
26	Functional Effects of Mutations at F35 in the NH2-terminus of Kir6.2 (KCNJ11), Causing Neonatal Diabetes, and Response to Sulfonylurea Therapy. Diabetes, 2006, 55, 1731-1737.	0.3	41
27	Adjacent mutations in the gating loop of Kir6.2 produce neonatal diabetes and hyperinsulinism. EMBO Molecular Medicine, 2009, 1, 166-177.	3.3	36
28	PLA2R1 kills cancer cells by inducing mitochondrial stress. Free Radical Biology and Medicine, 2013, 65, 969-977.	1.3	33
29	Functional analysis of two Kir6.2 (KCNJ11) mutations, K170T and E322K, causing neonatal diabetes. Diabetes, Obesity and Metabolism, 2007, 9, 46-55.	2.2	21
30	Mosaic Paternal Uniparental Isodisomy and an ABCC8 Gene Mutation in a Patient With Permanent Neonatal Diabetes and Hemihypertrophy. Diabetes, 2008, 57, 255-258.	0.3	15
31	Secretion of IL1 by Dedifferentiated Melanoma Cells Inhibits JAK1-STAT3â€“Driven Actomyosin Contractility of Lymph Node Fibroblastic Reticular Cells. Cancer Research, 2022, 82, 1774-1788.	0.4	12
32	Inhibition of Patched Drug Efflux Increases Vemurafenib Effectiveness against Resistant BrafV600E Melanoma. Cancers, 2020, 12, 1500.	1.7	9