

# CÃ©line Cruciani-Guglielmacci

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,605  
citations

361413

20  
h-index

302126

39  
g-index

45  
all docs

45  
docs citations

45  
times ranked

3521  
citing authors

#	ARTICLE	IF	CITATIONS
1	Palmitic acid mediates hypothalamic insulin resistance by altering PKC- $\delta$ subcellular localization in rodents. <i>Journal of Clinical Investigation</i> , 2009, 119, 2577-2589.	8.2	289
2	Plasma Dihydroceramides Are Diabetes Susceptibility Biomarker Candidates in Mice and Humans. <i>Cell Reports</i> , 2017, 18, 2269-2279.	6.4	168
3	Irf5 deficiency in macrophages promotes beneficial adipose tissue expansion and insulin sensitivity during obesity. <i>Nature Medicine</i> , 2015, 21, 610-618.	30.7	149
4	Insulinotropic agent ID-1101 (4-hydroxyisoleucine) activates insulin signaling in rat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E463-E471.	3.5	115
5	Brain Glucagon-Like Peptide-1 Regulates Arterial Blood Flow, Heart Rate, and Insulin Sensitivity. <i>Diabetes</i> , 2008, 57, 2577-2587.	0.6	107
6	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. <i>Cell Metabolism</i> , 2019, 30, 754-767.e9.	16.2	67
7	Disruption of Lipid Uptake in Astroglia Exacerbates Diet-Induced Obesity. <i>Diabetes</i> , 2017, 66, 2555-2563.	0.6	59
8	Short-term adaptation of postprandial lipoprotein secretion and intestinal gene expression to a high-fat diet. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G782-G792.	3.4	49
9	The multiple roles of fatty acid handling proteins in brain. <i>Frontiers in Physiology</i> , 2012, 3, 385.	2.8	47
10	Hippocampal lipoprotein lipase regulates energy balance in rodents. <i>Molecular Metabolism</i> , 2014, 3, 167-176.	6.5	47
11	Sorcin Links Pancreatic $\beta$ -Cell Lipotoxicity to ER Ca <sup>2+</sup> Stores. <i>Diabetes</i> , 2016, 65, 1009-1021.	0.6	45
12	Molecular phenotyping of multiple mouse strains under metabolic challenge uncovers a role for Elov2 in glucose-induced insulin secretion. <i>Molecular Metabolism</i> , 2017, 6, 340-351.	6.5	42
13	Intracerebroventricular infusion of a triglyceride emulsion leads to both altered insulin secretion and hepatic glucose production in rats. <i>Pflügers Archiv European Journal of Physiology</i> , 2002, 445, 375-380.	2.8	40
14	Unsaturated Fatty Acids Stimulate LH Secretion via Novel PKC $\delta$ and $\zeta$ in Gonadotrope Cells and Inhibit GnRH-Induced LH Release. <i>Endocrinology</i> , 2011, 152, 3905-3916.	2.8	37
15	Protective role of the ELOVL2/docosahexaenoic acid axis in glucolipotoxicity-induced apoptosis in rodent beta cells and human islets. <i>Diabetologia</i> , 2018, 61, 1780-1793.	6.3	32
16	Brain lipoprotein lipase as a regulator of energy balance. <i>Biochimie</i> , 2017, 143, 51-55.	2.6	30
17	Brain Ceramide Metabolism in the Control of Energy Balance. <i>Frontiers in Physiology</i> , 2017, 8, 787.	2.8	30
18	Fatty Acid Transporter CD36 Mediates Hypothalamic Effect of Fatty Acids on Food Intake in Rats. <i>PLoS ONE</i> , 2013, 8, e74021.	2.5	26

#	ARTICLE	IF	CITATIONS
19	Lipoprotein lipase in hypothalamus is a key regulator of body weight gain and glucose homeostasis in mice. <i>Diabetologia</i> , 2017, 60, 1314-1324.	6.3	23
20	Deciphering the Link Between Hyperhomocysteinemia and Ceramide Metabolism in Alzheimer-Type Neurodegeneration. <i>Frontiers in Neurology</i> , 2019, 10, 807.	2.4	22
21	Importance of the gut-brain axis in the control of glucose homeostasis. <i>Current Opinion in Pharmacology</i> , 2006, 6, 592-597.	3.5	20
22	Pancreatic alpha cell-selective deletion of Tcf7l2 impairs glucagon secretion and counter-regulatory responses to hypoglycaemia in mice. <i>Diabetologia</i> , 2017, 60, 1043-1050.	6.3	18
23	Plasma triacylglycerols are biomarkers of Î²-cell function in mice and humans. <i>Molecular Metabolism</i> , 2021, 54, 101355.	6.5	17
24	Deregulation of Hepatic Insulin Sensitivity Induced by Central Lipid Infusion in Rats Is Mediated by Nitric Oxide. <i>PLoS ONE</i> , 2009, 4, e6649.	2.5	14
25	Use of preclinical models to identify markers of type 2 diabetes susceptibility and novel regulators of insulin secretion - A step towards precision medicine. <i>Molecular Metabolism</i> , 2019, 27, S147-S154.	6.5	11
26	Mitochondrial Dynamin-Related Protein 1 (DRP1) translocation in response to cerebral glucose is impaired in a rat model of early alteration in hypothalamic glucose sensing. <i>Molecular Metabolism</i> , 2019, 20, 166-177.	6.5	11
27	Unsaturated Fatty Acids Disrupt Smad Signaling in Gonadotrope Cells Leading to Inhibition of FSHÎ² Gene Expression. <i>Endocrinology</i> , 2014, 155, 592-604.	2.8	10
28	Lixisenatide requires a functional gut-vagus nerve-brain axis to trigger insulin secretion in controls and type 2 diabetic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G671-G684.	3.4	10
29	S26948, a new specific peroxisome proliferator activated receptor gamma modulator improved in vivo hepatic insulin sensitivity in 48h lipid infused rats. <i>European Journal of Pharmacology</i> , 2009, 608, 104-111.	3.5	9
30	Lipid-Induced Peroxidation in the Intestine Is Involved in Glucose Homeostasis Imbalance in Mice. <i>PLoS ONE</i> , 2011, 6, e21184.	2.5	9
31	Interaction of low dose of fish oil and glucocorticoids on insulin sensitivity and lipolysis in healthy humans: A randomized controlled study. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 886-896.	3.3	8
32	The Constitutive Lack of Î±7 Nicotinic Receptor Leads to Metabolic Disorders in Mouse. <i>Biomolecules</i> , 2020, 10, 1057.	4.0	8
33	Sexually dimorphic roles for the type 2 diabetes-associated C2cd4b gene in murine glucose homeostasis. <i>Diabetologia</i> , 2021, 64, 850-864.	6.3	7
34	Lipoprotein Lipase Expression in Hypothalamus Is Involved in the Central Regulation of Thermogenesis and the Response to Cold Exposure. <i>Frontiers in Endocrinology</i> , 2018, 9, 103.	3.5	6
35	Editorial: Brain Nutrient Sensing in the Control of Energy Balance: New Insights and Perspectives. <i>Frontiers in Physiology</i> , 2019, 10, 51.	2.8	5
36	Homocysteine Metabolism Pathway Is Involved in the Control of Glucose Homeostasis: A Cystathionine Beta Synthase Deficiency Study in Mouse. <i>Cells</i> , 2022, 11, 1737.	4.1	5

