Sophie Calderari

List of Publications by Citations

22 papers	993 citations	14 h-index	23 g-index
23 ext. papers	1,198 ext. citations	7.5 avg, IF	2.84 L-index

#	Paper	IF	Citations
22	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. *Nature*, **2015**, 526, 112-7	50.4	308
21	Islet inflammation and fibrosis in a spontaneous model of type 2 diabetes, the GK rat. *Diabetes*, **2006**, 55, 1625-33	0.9	157
20	Combined sequence-based and genetic mapping analysis of complex traits in outbred rats. *Nature Genetics*, **2013**, 45, 767-75	36.3	131
19	Angiogenesis associated with visceral and subcutaneous adipose tissue in severe human obesity. *Diabetes*, **2008**, 57, 3247-57	0.9	93
18	Microbial-Host Co-metabolites Are Prodromal Markers Predicting Phenotypic Heterogeneity in Behavior, Obesity, and Impaired Glucose Tolerance. *Cell Reports*, **2017**, 20, 136-148	10.6	57
17	Link between adipose tissue angiogenesis and fat accumulation in severely obese subjects. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E775-80	5.6	32
16	Nutrigenomics of high fat diet induced obesity in mice suggests relationships between susceptibility to fatty liver disease and the proteasome. *PLoS ONE*, **2013**, 8, e82825	3.7	32
15	A de novo microdeletion of SEMA5A in a boy with autism spectrum disorder and intellectual disability. *European Journal of Human Genetics*, **2016**, 24, 838-43	5.3	24
14	Restitution of defective glucose-stimulated insulin secretion in diabetic GK rat by acetylcholine uncovers paradoxical stimulatory effect of beta-cell muscarinic receptor activation on cAMP production. *Diabetes*, **2005**, 54, 3229-37	0.9	24
13	Biological roles of microRNAs in the control of insulin secretion and action. *Physiological Genomics*, **2017**, 49, 1-10	3.6	21
12	Adaptive expression of microRNA-125a in adipose tissue in response to obesity in mice and men. *PLoS ONE*, **2014**, 9, e91375	3.7	17
11	Angiopoietin 2 alters pancreatic vascularization in diabetic conditions. *PLoS ONE*, **2012**, 7, e29438	3.7	16
10	Regenerating 1 and 3b gene expression in the pancreas of type 2 diabetic Goto-Kakizaki (GK) rats. *PLoS ONE*, **2014**, 9, e90045	3.7	15
9	Is defective pancreatic beta-cell mass environmentally programmed in Goto-Kakizaki rat model of type 2 diabetes?: insights from crossbreeding studies during suckling period. *Pancreas*, **2006**, 33, 412-7	2.6	14
8	Topological analysis of metabolic networks integrating co-segregating transcriptomes and metabolomes in type 2 diabetic rat congenic series. *Genome Medicine*, **2016**, 8, 101	14.4	14
7	Molecular genetics of the transcription factor GLIS3 identifies its dual function in beta cells and neurons. *Genomics*, **2018**, 110, 98-111	4.3	12
6	Islet Inflammation in Type 2 Diabetes (T2D): From Endothelial to ß Cell Dysfunction. *Current Immunology Reviews*, **2007**, 3, 216-232	1.3	12

5	Transcriptome Profiling in Rat Inbred Strains and Experimental Cross Reveals Discrepant Genetic Architecture of Genome-Wide Gene Expression. *G3: Genes, Genomes, Genetics*, **2016**, 6, 3671-3683	3.2	5
4	Genetic control of differential acetylation in diabetic rats. *PLoS ONE*, **2014**, 9, e94555	3.7	4
3	Undernutrition of the GK rat during gestation improves pancreatic IGF-2 and beta-cell mass in the fetuses. *Growth Factors*, **2009**, 27, 409-18	1.6	3
2	Microbiome Inhibition of IRAK-4 by Trimethylamine Mediates Metabolic and Immune Benefits in High-Fat-Diet-induced Insulin Resistance		2
1	Metabolomic differences in blastocoel and uterine fluids collected in vivo by ultrasound biomicroscopy on rabbit embryos *Biology of Reproduction*, **2021**, 104, 794-805	3.9	