

Patricia Serradas

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26
papers

1,285
citations

15
h-index

26
g-index

26
ext. papers

1,522
ext. citations

4.6
avg, IF

3.52
L-index

#	Paper	IF	Citations
26	Hyperglycemia drives intestinal barrier dysfunction and risk for enteric infection. <i>Science</i> , 2018 , 359, 1376-1383	33.3	334
25	Consequences of fetal exposure to maternal diabetes in offspring. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 3718-24	5.6	196
24	Islet inflammation and fibrosis in a spontaneous model of type 2 diabetes, the GK rat. <i>Diabetes</i> , 2006 , 55, 1625-33	0.9	157
23	GLUT2 accumulation in enterocyte apical and intracellular membranes: a study in morbidly obese human subjects and ob/ob and high fat-fed mice. <i>Diabetes</i> , 2011 , 60, 2598-607	0.9	100
22	Insulin internalizes GLUT2 in the enterocytes of healthy but not insulin-resistant mice. <i>Diabetes</i> , 2008 , 57, 555-62	0.9	89
21	Detection of extracellular glucose by GLUT2 contributes to hypothalamic control of food intake. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E1078-87	6	61
20	Specific inhibition of GLUT2 in arcuate nucleus by antisense oligonucleotides suppresses nervous control of insulin secretion. <i>Molecular Brain Research</i> , 1998 , 57, 275-80		59
19	Fetal insulin-like growth factor-2 production is impaired in the GK rat model of type 2 diabetes. <i>Diabetes</i> , 2002 , 51, 392-7	0.9	41
18	Intestinal invalidation of the glucose transporter GLUT2 delays tissue distribution of glucose and reveals an unexpected role in gut homeostasis. <i>Molecular Metabolism</i> , 2017 , 6, 61-72	8.8	37
17	Loss of sugar detection by GLUT2 affects glucose homeostasis in mice. <i>PLoS ONE</i> , 2007 , 2, e1288	3.7	29
16	Lipid-rich diet enhances L-cell density in obese subjects and in mice through improved L-cell differentiation. <i>Journal of Nutritional Science</i> , 2015 , 4, e22	2.7	26
15	The desensitization of normal B-cells to glucose in vitro is transient and not related to high glucose levels. <i>Endocrinology</i> , 1989 , 125, 1999-2007	4.8	25
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. <i>Diabetes</i> , 2005 , 54, 3229-37	0.9	24
13	Mutations in SLC2A2 gene reveal hGLUT2 function in pancreatic β cell development. <i>Journal of Biological Chemistry</i> , 2013 , 288, 31080-92	5.4	18
12	Glucose Tolerance Is Improved in Mice Invalidated for the Nuclear Receptor HNF-4A Critical Role for Enteroendocrine Cell Lineage. <i>Diabetes</i> , 2015 , 64, 2744-56	0.9	15
11	Regenerating 1 and 3b gene expression in the pancreas of type 2 diabetic Goto-Kakizaki (GK) rats. <i>PLoS ONE</i> , 2014 , 9, e90045	3.7	15
10	Is defective pancreatic beta-cell mass environmentally programmed in Goto-Kakizaki rat model of type 2 diabetes?: insights from crossbreeding studies during suckling period. <i>Pancreas</i> , 2006 , 33, 412-7	2.6	14

9	Type 2 diabetes is associated with impaired jejunal enteroendocrine GLP-1 cell lineage in human obesity. <i>International Journal of Obesity</i> , 2021 , 45, 170-183	5.5	13
8	Islet Inflammation in Type 2 Diabetes (T2D): From Endothelial to β Cell Dysfunction. <i>Current Immunology Reviews</i> , 2007 , 3, 216-232	1.3	12
7	Effect of gliclazide treatment on insulin secretion and beta-cell mass in non-insulin dependent diabetic Goto-Kakisaki rats. <i>European Journal of Pharmacology</i> , 1998 , 361, 243-51	5.3	11
6	Undernutrition of the GK rat during gestation improves pancreatic IGF-2 and beta-cell mass in the fetuses. <i>Growth Factors</i> , 2009 , 27, 409-18	1.6	3
5	Effect of benfluorex on insulin secretion and insulin action in streptozotocin-diabetic rats. <i>Diabetes/metabolism Reviews</i> , 1993 , 9 Suppl 1, 57S-63S		3
4	Intestinal alteration of β glustducin and sweet taste signaling pathway in metabolic diseases is partly rescued after weight loss and diabetes remission. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 321, E417-E432	6	2
3	Enteroendocrine System and Gut Barrier in Metabolic Disorders.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
2	Hnf4g invalidation prevents diet-induced obesity via intestinal lipid malabsorption. <i>Journal of Endocrinology</i> , 2021 , 252, 31-44	4.7	0
1	Transplantation of syngenic pancreatic islets into rats with streptozotocin induced non insulin dependent diabetes mellitus. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 426, 441-5	3.6	