

Patricia Serradas

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,741
citations

471371

17
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

3083
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperglycemia drives intestinal barrier dysfunction and risk for enteric infection. <i>Science</i> , 2018, 359, 1376-1383.	6.0	582
2	Consequences of Fetal Exposure to Maternal Diabetes in Offspring. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3718-3724.	1.8	247
3	Islet Inflammation and Fibrosis in a Spontaneous Model of Type 2 Diabetes, the GK Rat. <i>Diabetes</i> , 2006, 55, 1625-1633.	0.3	183
4	GLUT2 Accumulation in Enterocyte Apical and Intracellular Membranes. <i>Diabetes</i> , 2011, 60, 2598-2607.	0.3	122
5	Insulin Internalizes GLUT2 in the Enterocytes of Healthy but Not Insulin-Resistant Mice. <i>Diabetes</i> , 2008, 57, 555-562.	0.3	99
6	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-E1087.	1.8	69
7	Specific inhibition of GLUT2 in arcuate nucleus by antisense oligonucleotides suppresses nervous control of insulin secretion. <i>Molecular Brain Research</i> , 1998, 57, 275-280.	2.5	62
8	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.	3.0	51
9	Fetal Insulin-Like Growth Factor-2 Production Is Impaired in the GK Rat Model of Type 2 Diabetes. <i>Diabetes</i> , 2002, 51, 392-397.	0.3	48
10	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.	0.7	34
11	Loss of Sugar Detection by GLUT2 Affects Glucose Homeostasis in Mice. <i>PLoS ONE</i> , 2007, 2, e1288.	1.1	33
12	Restitution of Defective Glucose-Stimulated Insulin Secretion in Diabetic GK Rat by Acetylcholine Uncovers Paradoxical Stimulatory Effect of \hat{A} -Cell Muscarinic Receptor Activation on cAMP Production. <i>Diabetes</i> , 2005, 54, 3229-3237.	0.3	27
13	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.	1.4	26
14	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.	1.6	25
15	Effect of gliclazide treatment on insulin secretion and \hat{I}^2 -cell mass in non-insulin dependent diabetic Goto-Kakizaki rats. <i>European Journal of Pharmacology</i> , 1998, 361, 243-251.	1.7	22
16	Mutations in SLC2A2 Gene Reveal hGLUT2 Function in Pancreatic \hat{I}^2 Cell Development. <i>Journal of Biological Chemistry</i> , 2013, 288, 31080-31092.	1.6	21
17	Glucose Tolerance Is Improved in Mice Invalidated for the Nuclear Receptor HNF-4 \hat{I}^3 : A Critical Role for Enteroendocrine Cell Lineage. <i>Diabetes</i> , 2015, 64, 2744-2756.	0.3	21
18	Regenerating 1 and 3b Gene Expression in the Pancreas of Type 2 Diabetic Goto-Kakizaki (GK) Rats. <i>PLoS ONE</i> , 2014, 9, e90045.	1.1	17

#	ARTICLE	IF	CITATIONS
19	Is Defective Pancreatic Beta-cell Mass Environmentally Programmed in Goto-Kakizaki Rat Model of Type 2 Diabetes?. <i>Pancreas</i> , 2006, 33, 412-417.	0.5	15
20	Islet Inflammation in Type 2 Diabetes (T2D): From Endothelial to β -Cell Dysfunction. <i>Current Immunology Reviews</i> , 2007, 3, 216-232.	1.2	12
21	Enteroendocrine System and Gut Barrier in Metabolic Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3732.	1.8	8
22	Effect of benfluorex on insulin secretion and insulin action in streptozotocin-diabetic rats. <i>Diabetes/metabolism Reviews</i> , 1993, 9, 57S-63S.	0.4	5
23	Undernutrition of the GK rat during gestation improves pancreatic IGF-2 and beta-cell mass in the fetuses. <i>Growth Factors</i> , 2009, 27, 409-418.	0.5	4
24	Intestinal alteration of δ -gustducin 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.	1.8	4
25	Hnf4g invalidation prevents diet-induced obesity via intestinal lipid malabsorption. <i>Journal of Endocrinology</i> , 2022, 252, 31-44.	1.2	4
26	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, 441-445.	0.8	0