

Aida Martinez-Sanchez

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,328
citations

567281

15
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

2286
citing authors

#	ARTICLE	IF	CITATIONS
1	Pancreatic β -cell identity, glucose sensing and the control of insulin secretion. <i>Biochemical Journal</i> , 2015, 466, 203-218.	3.7	299
2	Regulation of Human Chondrocyte Function through Direct Inhibition of Cartilage Master Regulator SOX9 by MicroRNA-145 (miRNA-145). <i>Journal of Biological Chemistry</i> , 2012, 287, 916-924.	3.4	179
3	Type II Collagen Expression Is Regulated by Tissue-specific miR-675 in Human Articular Chondrocytes. <i>Journal of Biological Chemistry</i> , 2010, 285, 24381-24387.	3.4	136
4	Chronic Activation of β 2 AMPK Induces Obesity and Reduces β 2 Cell Function. <i>Cell Metabolism</i> , 2016, 23, 821-836.	16.2	87
5	miR-181a Regulates Cap-Dependent Translation of p27 ^{kip1} mRNA in Myeloid Cells. <i>Molecular and Cellular Biology</i> , 2009, 29, 2841-2851.	2.3	78
6	LKB1 and AMPK differentially regulate pancreatic β -cell identity. <i>FASEB Journal</i> , 2014, 28, 4972-4985.	0.5	71
7	DICER Inactivation Identifies Pancreatic β -Cell "Disallowed" Genes Targeted by MicroRNAs. <i>Molecular Endocrinology</i> , 2015, 29, 1067-1079.	3.7	63
8	Metabolic and functional specialisations of the pancreatic beta cell: gene disallowance, mitochondrial metabolism and intercellular connectivity. <i>Diabetologia</i> , 2020, 63, 1990-1998.	6.3	63
9	MiRNAs in β -Cell Development, Identity, and Disease. <i>Frontiers in Genetics</i> , 2016, 7, 226.	2.3	49
10	miR-1247 Functions by Targeting Cartilage Transcription Factor SOX9. <i>Journal of Biological Chemistry</i> , 2013, 288, 30802-30814.	3.4	43
11	Derepression of MicroRNA-138 Contributes to Loss of the Human Articular Chondrocyte Phenotype. <i>Arthritis and Rheumatology</i> , 2016, 68, 398-409.	5.6	39
12	Mir-184 expression is regulated by AMPK in pancreatic islets. <i>FASEB Journal</i> , 2018, 32, 2587-2600.	0.5	39
13	MicroRNA Target Identification "Experimental Approaches. <i>Biology</i> , 2013, 2, 189-205.	2.8	37
14	The pore-forming subunit MCU of the mitochondrial Ca ²⁺ uniporter is required for normal glucose-stimulated insulin secretion in vitro and in vivo in mice. <i>Diabetologia</i> , 2020, 63, 1368-1381.	6.3	37
15	Disallowance of <i>Acot7</i> in β -Cells Is Required for Normal Glucose Tolerance and Insulin Secretion. <i>Diabetes</i> , 2016, 65, 1268-1282.	0.6	23
16	Adipocyte-specific deletion of Tcf7l2 induces dysregulated lipid metabolism and impairs glucose tolerance in mice. <i>Diabetologia</i> , 2021, 64, 129-141.	6.3	17
17	Glucose-Dependent miR-125b Is a Negative Regulator of β -Cell Function. <i>Diabetes</i> , 2022, 71, 1525-1545.	0.6	10
18	Regulation of p27 ^{kip1} mRNA Expression by MicroRNAs. <i>Progress in Molecular and Subcellular Biology</i> , 2010, 50, 59-70.	1.6	9

#	ARTICLE	IF	CITATIONS
19	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
20	High-Throughput Identification of MiR-145 Targets in Human Articular Chondrocytes. <i>Life</i> , 2020, 10, 58.	2.4	6
21	Synthesis and <i>in vivo</i> behaviour of an exendin-4-based MRI probe capable of β^2 -cell-dependent contrast enhancement in the pancreas. <i>Dalton Transactions</i> , 2020, 49, 4732-4740.	3.3	5
22	Manipulation and Measurement of AMPK Activity in Pancreatic Islets. <i>Methods in Molecular Biology</i> , 2018, 1732, 413-431.	0.9	4
23	2183-P: miR-125b Is Regulated by Glucose via AMPK and Impairs β -Cell Function. <i>Diabetes</i> , 2019, 68, .	0.6	4
24	Opposing effects on regulated insulin secretion of acute vs chronic stimulation of AMP-activated protein kinase. <i>Diabetologia</i> , 2022, 65, 997-1011.	6.3	4
25	Molecular Mechanisms of Nutrient-Mediated Regulation of MicroRNAs in Pancreatic β^2 -cells. <i>Frontiers in Endocrinology</i> , 2021, 12, 704824.	3.5	2
26	Editorial: Epigenetics of Glucose Homeostasis. <i>Frontiers in Endocrinology</i> , 2022, 13, 889189.	3.5	1