

Carlos Castañero

List of Publications by Year in descending order

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17
papers

1,336
citations

623574

14
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

2585
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitofusin 2 in POMC Neurons Connects ER Stress with Leptin Resistance and Energy Imbalance. <i>Cell</i> , 2013, 155, 172-187.	13.5	429
2	Obesity-associated exosomal miRNAs modulate glucose and lipid metabolism in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12158-12163.	3.3	256
3	Recessive mutations in the <i>INS</i> gene result in neonatal diabetes through reduced insulin biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3105-3110.	3.3	185
4	Deletion of miRNA processing enzyme Dicer in POMC-expressing cells leads to pituitary dysfunction, neurodegeneration and development of obesity. <i>Molecular Metabolism</i> , 2013, 2, 74-85.	3.0	79
5	Exosomes and diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3107.	1.7	76
6	Delivery of muscle-derived exosomal miRNAs induced by HIIT improves insulin sensitivity through down-regulation of hepatic FoxO1 in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30335-30343.	3.3	61
7	Stress-Induced MicroRNA-708 Impairs β -Cell Function and Growth. <i>Diabetes</i> , 2017, 66, 3029-3040.	0.3	39
8	CD31+ Extracellular Vesicles From Patients With Type 2 Diabetes Shuttle a miRNA Signature Associated With Cardiovascular Complications. <i>Diabetes</i> , 2021, 70, 240-254.	0.3	38
9	miR-10b and miR-223-3p in serum microvesicles signal progression from prediabetes to type 2 diabetes. <i>Journal of Endocrinological Investigation</i> , 2020, 43, 451-459.	1.8	33
10	Protein disulfide isomerase ameliorates β -cell dysfunction in pancreatic islets overexpressing human islet amyloid polypeptide. <i>Molecular and Cellular Endocrinology</i> , 2016, 420, 57-65.	1.6	27
11	Islet amyloid polypeptide exerts a novel autocrine action in β -cell signaling and proliferation. <i>FASEB Journal</i> , 2015, 29, 2970-2979.	0.2	26
12	Amyloid β -induced β -cell dysfunction and islet inflammation are ameliorated by 4-phenylbutyrate (PBA) treatment. <i>FASEB Journal</i> , 2017, 31, 5296-5306.	0.2	25
13	Glucose regulation of a cell cycle gene module is selectively lost in mouse pancreatic islets during ageing. <i>Diabetologia</i> , 2013, 56, 1761-1772.	2.9	22
14	BACE2 suppression promotes β -cell survival and function in a model of type 2 diabetes induced by human islet amyloid polypeptide overexpression. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2827-2838.	2.4	17
15	Alpha1-antitrypsin ameliorates islet amyloid-induced glucose intolerance and β -cell dysfunction. <i>Molecular Metabolism</i> , 2020, 37, 100984.	3.0	14
16	4-Phenylbutyrate (PBA) treatment reduces hyperglycemia and islet amyloid in a mouse model of type 2 diabetes and obesity. <i>Scientific Reports</i> , 2021, 11, 11878.	1.6	5
17	BACE2 suppression in mice aggravates the adverse metabolic consequences of an obesogenic diet. <i>Molecular Metabolism</i> , 2021, 53, 101251.	3.0	4