

Alberto Diaz-Ruiz

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,414
citations

331259

21
h-index

344852

36
g-index

41
all docs

41
docs citations

41
times ranked

2645
citing authors

#	ARTICLE	IF	CITATIONS
1	Rab18 Dynamics in Adipocytes in Relation to Lipogenesis, Lipolysis and Obesity. PLoS ONE, 2011, 6, e22931.	1.1	108
2	Skeletal muscle ex vivo mitochondrial respiration parallels decline in vivo oxidative capacity, cardiorespiratory fitness, and muscle strength: The Baltimore Longitudinal Study of Aging. Aging Cell, 2018, 17, e12725.	3.0	101
3	Genetic Ablation of miR-33 Increases Food Intake, Enhances Adipose Tissue Expansion, and Promotes Obesity and Insulin Resistance. Cell Reports, 2018, 22, 2133-2145.	2.9	94
4	Growth Hormone Inhibits Hepatic De Novo Lipogenesis in Adult Mice. Diabetes, 2015, 64, 3093-3103.	0.3	85
5	The road ahead for health and lifespan interventions. Ageing Research Reviews, 2020, 59, 101037.	5.0	76
6	Alarmin high-mobility group B1 (HMGB1) is regulated in human adipocytes in insulin resistance and influences insulin secretion in β^2 -cells. International Journal of Obesity, 2014, 38, 1545-1554.	1.6	74
7	Proteasome Dysfunction Associated to Oxidative Stress and Proteotoxicity in Adipocytes Compromises Insulin Sensitivity in Human Obesity. Antioxidants and Redox Signaling, 2015, 23, 597-612.	2.5	68
8	Adiponectin Receptors Form Homomers and Heteromers Exhibiting Distinct Ligand Binding and Intracellular Signaling Properties. Journal of Biological Chemistry, 2013, 288, 3112-3125.	1.6	57
9	Cytochrome b5 reductase and the control of lipid metabolism and healthspan. Npj Aging and Mechanisms of Disease, 2016, 2, 16006.	4.5	57
10	Daily caloric restriction limits tumor growth more effectively than caloric cycling regardless of dietary composition. Nature Communications, 2021, 12, 6201.	5.8	57
11	Chrelin Requires p53 to Stimulate Lipid Storage in Fat and Liver. Endocrinology, 2013, 154, 3671-3679.	1.4	56
12	Mitochondria in metabolic disease: Getting clues from proteomic studies. Proteomics, 2014, 14, 452-466.	1.3	50
13	Effects of glucagon-like peptide-1 on the differentiation and metabolism of human adipocytes. British Journal of Pharmacology, 2016, 173, 1820-1834.	2.7	41
14	Hexokinases link DJ-1 to the PINK1/parkin pathway. Molecular Neurodegeneration, 2017, 12, 70.	4.4	40
15	Overexpression of <i>CYB5R3</i> and <i>NQO1</i> , two <i>NAD</i> -producing enzymes, mimics aspects of caloric restriction. Aging Cell, 2018, 17, e12767.	3.0	32
16	Hepatocyte-Specific Loss of PPAR β Protects Mice From NASH and Increases the Therapeutic Effects of Rosiglitazone in the Liver. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 1291-1311.	2.3	32
17	Energy Restriction and Colorectal Cancer: A Call for Additional Research. Nutrients, 2020, 12, 114.	1.7	31
18	Adipose tissue depot-specific intracellular and extracellular cues contributing to insulin resistance in obese individuals. FASEB Journal, 2020, 34, 7520-7539.	0.2	30

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19	Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. <i>Free Radical Biology and Medicine</i> , 2016, 99, 225-233.	1.3	28
20	Regulation of GPR55 in rat white adipose tissue and serum LPI by nutritional status, gestation, gender and pituitary factors. <i>Molecular and Cellular Endocrinology</i> , 2014, 383, 159-169.	1.6	27
21	A Central Role for the Gasotransmitter H ₂ S in Aging. <i>Cell Metabolism</i> , 2020, 31, 10-12.	7.2	26
22	Alcohol induces Golgi fragmentation in differentiated PC12 cells by deregulating Rab1-dependent ER-to-Golgi transport. <i>Histochemistry and Cell Biology</i> , 2012, 138, 489-501.	0.8	24
23	Sirt1 protects from K ^{Ras} -driven lung carcinogenesis. <i>EMBO Reports</i> , 2018, 19, .	2.0	21
24	The Long Coiled-Coil Protein NECC2 Is Associated to Caveolae and MODULATES NGF/TrkA Signaling IN PC12 CELLS. <i>PLoS ONE</i> , 2013, 8, e73668.	1.1	20
25	NQO1 protects obese mice through improvements in glucose and lipid metabolism. <i>Npj Aging and Mechanisms of Disease</i> , 2020, 6, 13.	4.5	20
26	Adult-Onset Hepatocyte GH Resistance Promotes NASH in Male Mice, Without Severe Systemic Metabolic Dysfunction. <i>Endocrinology</i> , 2018, 159, 3761-3774.	1.4	17
27	Rosiglitazone Requires Hepatocyte PPAR γ Expression to Promote Steatosis in Male Mice With Diet-Induced Obesity. <i>Endocrinology</i> , 2021, 162, .	1.4	16
28	Revisiting the regulated secretory pathway: From frogs to human. <i>General and Comparative Endocrinology</i> , 2012, 175, 1-9.	0.8	15
29	Benefits of Caloric Restriction in Longevity and Chemical-Induced Tumorigenesis Are Transmitted Independent of NQO1. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 155-162.	1.7	15
30	Adipobiology for Novel Therapeutic Approaches in Metabolic Syndrome. <i>Current Vascular Pharmacology</i> , 2014, 11, 954-967.	0.8	15
31	Diet composition influences the metabolic benefits of short cycles of very low caloric intake. <i>Nature Communications</i> , 2021, 12, 6463.	5.8	12
32	Nutritional, hormonal, and depot-dependent regulation of the expression of the small GTPase Rab18 in rodent adipose tissue. <i>Journal of Molecular Endocrinology</i> , 2013, 50, 19-29.	1.1	11
33	Intermittent mTOR Inhibition Reverses Kidney Aging in Old Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 843-844.	1.7	11
34	Mitochondrial permeabilization without caspase activation mediates the increase of basal apoptosis in cells lacking Nrf2. <i>Free Radical Biology and Medicine</i> , 2016, 95, 82-95.	1.3	10
35	The Golgi-associated long coiled-coil protein NECC1 participates in the control of the regulated secretory pathway in PC12 cells. <i>Biochemical Journal</i> , 2012, 443, 387-396.	1.7	9
36	SIRT1 Synchs Satellite Cell Metabolism with Stem Cell Fate. <i>Cell Stem Cell</i> , 2015, 16, 103-104.	5.2	8

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37	The caveolae-associated coiled-coil protein, <scp>NECC</scp>2, regulates insulin signalling in Adipocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5648-5661.	1.6	8
38	17 β -Estradiol: A Novel Therapeutic Intervention to Target Age-related Chronic Inflammation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1-2.	1.7	5
39	Understanding the adipose tissue acetylome in obesity and insulin resistance. <i>Translational Research</i> , 2022, 246, 15-32.	2.2	4
40	Deprogramming metabolism in pancreatic cancer with a bi-functional GPR55 inhibitor and biased β 2 adrenergic agonist. <i>Scientific Reports</i> , 2022, 12, 3618.	1.6	3