

# Alberto Diaz-Ruiz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2628247/publications.pdf>

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  | Deprogramming metabolism in pancreatic cancer with a bi-functional GPR55 inhibitor and biased $\hat{1}2$ adrenergic agonist. <i>Scientific Reports</i> , 2022, 12, 3618.  | 1.6 | 3         |
| 2  | Understanding the adipose tissue acetylome in obesity and insulin resistance. <i>Translational Research</i> , 2022, 246, 15-32.   | 2.2 | 4         |
| 3  | Hepatocyte-Specific Loss of PPAR $\hat{1}3$ Protects Mice From NASH and Increases the Therapeutic Effects of Rosiglitazone in the Liver. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1291-1311.   | 2.3 | 32        |
| 4  | Rosiglitazone Requires Hepatocyte PPAR $\hat{1}3$ Expression to Promote Steatosis in Male Mice With Diet-Induced Obesity. <i>Endocrinology</i> , 2021, 162, .   | 1.4 | 16        |
| 5  | Daily caloric restriction limits tumor growth more effectively than caloric cycling regardless of dietary composition. <i>Nature Communications</i> , 2021, 12, 6201.   | 5.8 | 57        |
| 6  | Diet composition influences the metabolic benefits of short cycles of very low caloric intake. <i>Nature Communications</i> , 2021, 12, 6463.   | 5.8 | 12        |
| 7  | Energy Restriction and Colorectal Cancer: A Call for Additional Research. <i>Nutrients</i> , 2020, 12, 114.   | 1.7 | 31        |
| 8  | A Central Role for the Gasotransmitter H <sub>2</sub> S in Aging. <i>Cell Metabolism</i> , 2020, 31, 10-12.   | 7.2 | 26        |
| 9  | 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        |
| 10 | The road ahead for health and lifespan interventions. <i>Ageing Research Reviews</i> , 2020, 59, 101037.  | 5.0 | 76        |
| 11 | Adipose tissue depot-specific intracellular and extracellular cues contributing to insulin resistance in obese individuals. <i>FASEB Journal</i> , 2020, 34, 7520-7539.   | 0.2 | 30        |
| 12 | 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        |
| 13 | Genetic Ablation of miR-33 Increases Food Intake, Enhances Adipose Tissue Expansion, and Promotes Obesity and Insulin Resistance. <i>Cell Reports</i> , 2018, 22, 2133-2145.  | 2.9 | 94        |
| 14 | 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        |
| 15 | Skeletal muscle ex vivo mitochondrial respiration parallels decline in vivo oxidative capacity, cardiorespiratory fitness, and muscle strength: The Baltimore Longitudinal Study of Aging. <i>Aging Cell</i> , 2018, 17, e12725.  | 3.0 | 101       |
| 16 | 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        |
| 17 | The caveolae-associated coiled-coil protein, $\langle scp \rangle$ NECC $\langle /scp \rangle$ <sup>2</sup> , regulates insulin signalling in Adipocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5648-5661.  | 1.6 | 8         |
| 18 | Overexpression of $\langle scp \rangle$ CYB $\langle /scp \rangle$ 5R3 and $\langle scp \rangle$ NQO $\langle /scp \rangle$ 1, two $\langle scp \rangle$ NAD $\langle /scp \rangle$ <sup>+</sup> -producing enzymes, mimics aspects of caloric restriction. <i>Aging Cell</i> , 2018, 17, e12767. | 3.0 | 32        |

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|----|--|-----|-----------|
| 19 | Sirt1 protects from Kâ€Rasâ€driven lung carcinogenesis. EMBO Reports, 2018, 19, .  | 2.0 | 21        |
| 20 | 17Î±-Estradiol: A Novel Therapeutic Intervention to Target Age-related Chronic Inflammation. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1-2.           | 1.7 | 5         |
| 21 | Hexokinases link DJ-1 to the PINK1/parkin pathway. Molecular Neurodegeneration, 2017, 12, 70.  | 4.4 | 40        |
| 22 | Effects of glucagonâ€like peptideâ€1 on the differentiation and metabolism of human adipocytes. British Journal of Pharmacology, 2016, 173, 1820-1834.   | 2.7 | 41        |
| 23 | Cytochrome b5 reductase and the control of lipid metabolism and healthspan. Npj Aging and Mechanisms of Disease, 2016, 2, 16006.   | 4.5 | 57        |
| 24 | Mitochondrial permeabilization without caspase activation mediates the increase of basal apoptosis in cells lacking Nrf2. Free Radical Biology and Medicine, 2016, 95, 82-95.                      | 1.3 | 10        |
| 25 | Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. Free Radical Biology and Medicine, 2016, 99, 225-233.   | 1.3 | 28        |
| 26 | SIRT1 Synchs Satellite Cell Metabolism with Stem Cell Fate. Cell Stem Cell, 2015, 16, 103-104.   | 5.2 | 8         |
| 27 | 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        |
| 28 | Growth Hormone Inhibits Hepatic De Novo Lipogenesis in Adult Mice. Diabetes, 2015, 64, 3093-3103.  | 0.3 | 85        |
| 29 | Mitochondria in metabolic disease: Getting clues from proteomic studies. Proteomics, 2014, 14, 452-466.  | 1.3 | 50        |
| 30 | Alarmin high-mobility group B1 (HMGB1) is regulated in human adipocytes in insulin resistance and influences insulin secretion in Î²-cells. International Journal of Obesity, 2014, 38, 1545-1554. | 1.6 | 74        |
| 31 | Regulation of GPR55 in rat white adipose tissue and serum LPI by nutritional status, gestation, gender and pituitary factors. Molecular and Cellular Endocrinology, 2014, 383, 159-169.            | 1.6 | 27        |
| 32 | Adipobiology for Novel Therapeutic Approaches in Metabolic Syndrome. Current Vascular Pharmacology, 2014, 11, 954-967.   | 0.8 | 15        |
| 33 | Nutritional, hormonal, and depot-dependent regulation of the expression of the small GTPase Rab18 in rodent adipose tissue. Journal of Molecular Endocrinology, 2013, 50, 19-29.                   | 1.1 | 11        |
| 34 | Ghrelin Requires p53 to Stimulate Lipid Storage in Fat and Liver. Endocrinology, 2013, 154, 3671-3679.   | 1.4 | 56        |
| 35 | 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        |
| 36 | The Long Coiled-Coil Protein NECC2 Is Associated to Caveolae and MODULATES NGF/TrkA Signaling IN PC12 CELLS. PLoS ONE, 2013, 8, e73668.  | 1.1 | 20        |

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|----|---|-----|-----------|
| 37 | 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         |
| 38 | 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        |
| 39 | Revisiting the regulated secretory pathway: From frogs to human. <i>General and Comparative Endocrinology</i> , 2012, 175, 1-9.   | 0.8 | 15        |
| 40 | Rab18 Dynamics in Adipocytes in Relation to Lipogenesis, Lipolysis and Obesity. <i>PLoS ONE</i> , 2011, 6, e22931.  | 1.1 | 108       |