

Sonia Fernandez-Veledo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

2,711
citations

28
h-index

51
g-index

95
ext. papers

3,389
ext. citations

6.2
avg. IF

4.91
L-index

#	Paper	IF	Citations
81	Cord Blood Advanced Lipoprotein Testing Reveals an Interaction between Gestational Diabetes and Birth-Weight and Suggests a New Early Biomarker of Infant Obesity. <i>Biomedicines</i> , 2022 , 10, 1033	4.8	0
80	Diabetes alters the protein secretome of human adipose-derived stem cells and promotes tumorigenesis in hepatic cancer cells. <i>Clinical and Translational Medicine</i> , 2022 , 12,	5.7	0
79	Changes in glucagon-like peptide 1 and 2 levels in people with obesity after a diet-induced weight-loss intervention are related to a specific microbiota signature: A prospective cohort study. <i>Clinical and Translational Medicine</i> , 2021 , 11, e575	5.7	1
78	Survivin drives tumor-associated macrophage reprogramming: a novel mechanism with potential impact for obesity. <i>Cellular Oncology (Dordrecht)</i> , 2021 , 44, 777-792	7.2	1
77	Succinate Pathway in Head and Neck Squamous Cell Carcinoma: Potential as a Diagnostic and Prognostic Marker. <i>Cancers</i> , 2021 , 13,	6.6	2
76	Adipose tissue is a key organ for the beneficial effects of GLP-2 metabolic function. <i>British Journal of Pharmacology</i> , 2021 , 178, 2131-2145	8.6	0
75	Role of Gastrointestinal Hormones as a Predictive Factor for Long-Term Diabetes Remission: Randomized Trial Comparing Metabolic Gastric Bypass, Sleeve Gastrectomy, and Greater Curvature Plication. <i>Obesity Surgery</i> , 2021 , 31, 1733-1744	3.7	3
74	Effects of stem cells from inducible brown adipose tissue on diet-induced obesity in mice. <i>Scientific Reports</i> , 2021 , 11, 13923	4.9	1
73	Elevated plasma succinate levels are linked to higher cardiovascular disease risk factors in young adults. <i>Cardiovascular Diabetology</i> , 2021 , 20, 151	8.7	2
72	Early identification of metabolic syndrome risk: A review of reviews and proposal for defining pre-metabolic syndrome status. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 2557-2574	4.5	2
71	Rethinking succinate: an unexpected hormone-like metabolite in energy homeostasis. <i>Trends in Endocrinology and Metabolism</i> , 2021 , 32, 680-692	8.8	8
70	The angiogenic properties of human amniotic membrane stem cells are enhanced in gestational diabetes and associate with fetal adiposity.. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 608	8.3	
69	Long-Term Effects in Bone Mineral Density after Different Bariatric Procedures in Patients with Type 2 Diabetes: Outcomes of a Randomized Clinical Trial. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
68	Gestational diabetes impacts fetal precursor cell responses with potential consequences for offspring. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 351-363	6.9	6
67	Impaired Succinate Response to a Mixed Meal in Obesity and Type 2 Diabetes Is Normalized After Metabolic Surgery. <i>Diabetes Care</i> , 2020 , 43, 2581-2587	14.6	7
66	Utility of Insulin Resistance in Estimating Cardiovascular Risk in Subjects with Type 1 Diabetes According to the Scores of the Steno Type 1 Risk Engine. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
65	Microbial Signature in Adipose Tissue of Crohn's Disease Patients. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	11

64	Effect of Type 2 Diabetes Mellitus on the Hypoxia-Inducible Factor 1-Alpha Expression. Is There a Relationship with the Clock Genes?. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
63	Changes in Bone Mineral Density in Patients with Type 2 Diabetes After Different Bariatric Surgery Procedures and the Role of Gastrointestinal Hormones. <i>Obesity Surgery</i> , 2020 , 30, 180-188	3.7	12
62	Adipose stem cells from patients with Crohn's disease show a distinctive DNA methylation pattern. <i>Clinical Epigenetics</i> , 2020 , 12, 53	7.7	6
61	Role of adipose tissue GLP-1R expression in metabolic improvement after bariatric surgery in patients with type 2 diabetes. <i>Scientific Reports</i> , 2019 , 9, 6274	4.9	14
60	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. <i>Cell</i> , 2019 , 177, 881-895.e17	56.2	109
59	SUCNR1 controls an anti-inflammatory program in macrophages to regulate the metabolic response to obesity. <i>Nature Immunology</i> , 2019 , 20, 581-592	19.1	75
58	DOP05 Adipose-derived stem cells from Crohn's disease patients show antigen presenting cell-like properties. <i>Journal of Crohn's and Colitis</i> , 2019 , 13, S030-S030	1.5	
57	Preoperative Circulating Succinate Levels as a Biomarker for Diabetes Remission After Bariatric Surgery. <i>Diabetes Care</i> , 2019 , 42, 1956-1965	14.6	27
56	Specific Nuclear Magnetic Resonance Lipoprotein Subclass Profiles and Central Arterial Stiffness in Type 1 Diabetes Mellitus: A Case Control Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	10
55	Gut microbiota-derived succinate: Friend or foe in human metabolic diseases?. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019 , 20, 439-447	10.5	61
54	Adipose tissue mitochondrial dysfunction in human obesity is linked to a specific DNA methylation signature in adipose-derived stem cells. <i>International Journal of Obesity</i> , 2019 , 43, 1256-1268	5.5	30
53	The BACE1 product sAPP β induces ER stress and inflammation and impairs insulin signaling. <i>Metabolism: Clinical and Experimental</i> , 2018 , 85, 59-75	12.7	15
52	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , 2018 , 12, 1642-1657	11.9	132
51	TWEAK promotes migration and invasion in MEFs through a mechanism dependent on ERKs activation and Fibulin 3 down-regulation. <i>Journal of Cellular Physiology</i> , 2018 , 233, 968-978	7	
50	Changes in metabolic risk, insulin resistance, leptin and adiponectin following a lifestyle intervention in overweight and obese breast cancer survivors. <i>European Journal of Cancer Care</i> , 2018 , 27, e12861	2.4	13
49	Predictive Value of Gut Peptides in T2D Remission: Randomized Controlled Trial Comparing Metabolic Gastric Bypass, Sleeve Gastrectomy and Greater Curvature Plication. <i>Obesity Surgery</i> , 2017 , 27, 2235-2245	3.7	43
48	Survivin, a key player in cancer progression, increases in obesity and protects adipose tissue stem cells from apoptosis. <i>Cell Death and Disease</i> , 2017 , 8, e2802	9.8	16
47	Angiopoietin-like protein 8/betatrophin as a new determinant of type 2 diabetes remission after bariatric surgery. <i>Translational Research</i> , 2017 , 184, 35-44.e4	11	16

46	Crohn's Disease Disturbs the Immune Properties of Human Adipose-Derived Stem Cells Related to Inflammasome Activation. <i>Stem Cell Reports</i> , 2017 , 9, 1109-1123	8	28
45	Serum Insulin Bioassay Reflects Insulin Sensitivity and Requirements in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3814-3821	5.6	3
44	Adipose tissue and serum CCDC80 in obesity and its association with related metabolic disease. <i>Molecular Medicine</i> , 2017 , 23, 225-234	6.2	7
43	A Glycovariant of Human CD44 is Characteristically Expressed on Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2017 , 35, 1080-1092	5.8	23
42	Different response to hypoxia of adipose-derived multipotent cells from obese subjects with and without metabolic syndrome. <i>PLoS ONE</i> , 2017 , 12, e0188324	3.7	10
41	Obesity and Type 2 Diabetes Alters the Immune Properties of Human Adipose Derived Stem Cells. <i>Stem Cells</i> , 2016 , 34, 2559-2573	5.8	77
40	Angiopoietin-like protein 8 (ANGPTL8) in pregnancy: a brown adipose tissue-derived endocrine factor with a potential role in fetal growth. <i>Translational Research</i> , 2016 , 178, 1-12	11	23
39	Adipose tissue glycogen accumulation is associated with obesity-linked inflammation in humans. <i>Molecular Metabolism</i> , 2016 , 5, 5-18	8.8	37
38	Obesity Determines the Immunophenotypic Profile and Functional Characteristics of Human Mesenchymal Stem Cells From Adipose Tissue. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 464-75	6.9	61
37	Cord blood FGF21 in gestational diabetes and its relationship with postnatal growth. <i>Acta Diabetologica</i> , 2015 , 52, 693-700	3.9	12
36	Enhanced fatty acid oxidation in adipocytes and macrophages reduces lipid-induced triglyceride accumulation and inflammation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E756-69	6	99
35	Differences in the Osteogenic Differentiation Capacity of Omental Adipose-Derived Stem Cells in Obese Patients With and Without Metabolic Syndrome. <i>Endocrinology</i> , 2015 , 156, 4492-501	4.8	22
34	FGF-23/Vitamin D Axis in Type 1 Diabetes: The Potential Role of Mineral Metabolism in Arterial Stiffness. <i>PLoS ONE</i> , 2015 , 10, e0140222	3.7	13
33	PPP2R5C Couples Hepatic Glucose and Lipid Homeostasis. <i>PLoS Genetics</i> , 2015 , 11, e1005561	6	23
32	Zinc- α -Glycoprotein Modulates AKT-Dependent Insulin Signaling in Human Adipocytes by Activation of the PP2A Phosphatase. <i>PLoS ONE</i> , 2015 , 10, e0129644	3.7	16
31	Downregulation of G protein-coupled receptor kinase 2 levels enhances cardiac insulin sensitivity and switches on cardioprotective gene expression patterns. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 2448-56	6.9	33
30	Human aquaporin-11 is a water and glycerol channel and localizes in the vicinity of lipid droplets in human adipocytes. <i>Obesity</i> , 2014 , 22, 2010-7	8	86
29	Disruption of GIP/GIPR axis in human adipose tissue is linked to obesity and insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E908-19	5.6	58

28	Skeletal muscle myogenesis is regulated by G protein-coupled receptor kinase 2. <i>Journal of Molecular Cell Biology</i> , 2014 , 6, 299-311	6.3	14
27	CCNG2 and CDK4 is associated with insulin resistance in adipose tissue. <i>Surgery for Obesity and Related Diseases</i> , 2014 , 10, 691-6	3	7
26	Role of energy- and nutrient-sensing kinases AMP-activated protein kinase (AMPK) and mammalian target of rapamycin (mTOR) in adipocyte differentiation. <i>IUBMB Life</i> , 2013 , 65, 572-83	4.7	29
25	The rise of soluble TWEAK levels in severely obese subjects after bariatric surgery may affect adipocyte-cytokine production induced by TNF- α . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1323-33	5.6	26
24	Metabolic rescue of obese adipose-derived stem cells by Lin28/Let7 pathway. <i>Diabetes</i> , 2013 , 62, 2368-79.	9	50
23	TWEAK prevents TNF- α -induced insulin resistance through PP2A activation in human adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E101-12	6	22
22	GRK2 contribution to the regulation of energy expenditure and brown fat function. <i>FASEB Journal</i> , 2012 , 26, 3503-14	0.9	24
21	A new era for brown adipose tissue: New insights into brown adipocyte function and differentiation. <i>Archives of Physiology and Biochemistry</i> , 2011 , 117, 195-208	2.2	7
20	G Protein-coupled receptor kinase 2 (GRK2): A novel modulator of insulin resistance. <i>Archives of Physiology and Biochemistry</i> , 2011 , 117, 125-30	2.2	28
19	New emerging role of protein-tyrosine phosphatase 1B in the regulation of glycogen metabolism in basal and TNF- α -induced insulin-resistant conditions in an immortalised muscle cell line isolated from mice. <i>Diabetologia</i> , 2011 , 54, 1157-68	10.3	4
18	G protein-coupled receptor kinase 2 plays a relevant role in insulin resistance and obesity. <i>Diabetes</i> , 2010 , 59, 2407-17	0.9	77
17	Adenosine 5'-monophosphate-activated protein kinase-mammalian target of rapamycin cross talk regulates brown adipocyte differentiation. <i>Endocrinology</i> , 2010 , 151, 980-92	4.8	85
16	c-Jun N-terminal kinase 1/2 activation by tumor necrosis factor-alpha induces insulin resistance in human visceral but not subcutaneous adipocytes: reversal by liver X receptor agonists. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3583-93	5.6	67
15	Molecular mechanisms involved in obesity-associated insulin resistance: therapeutical approach. <i>Archives of Physiology and Biochemistry</i> , 2009 , 115, 227-39	2.2	44
14	Insulin resistance associated to obesity: the link TNF-alpha. <i>Archives of Physiology and Biochemistry</i> , 2008 , 114, 183-94	2.2	310
13	Dual role of interleukin-6 in regulating insulin sensitivity in murine skeletal muscle. <i>Diabetes</i> , 2008 , 57, 3211-21	0.9	162
12	Hyperinsulinemia induces insulin resistance on glucose and lipid metabolism in a human adipocytic cell line: paracrine interaction with myocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 2866-76	5.6	33
11	Insulin resistance induced by tumor necrosis factor-alpha in myocytes and brown adipocytes. <i>Journal of Animal Science</i> , 2008 , 86, E94-104	0.7	105

10	Protein-tyrosine phosphatase 1B-deficient myocytes show increased insulin sensitivity and protection against tumor necrosis factor-alpha-induced insulin resistance. <i>Diabetes</i> , 2007 , 56, 404-13	0.9	75
9	Transcription factors involved in the expression of SLC28 genes in human liver parenchymal cells. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 353, 381-8	3.4	20
8	TGF-beta transcriptionally activates the gene encoding the high-affinity adenosine transporter CNT2 in rat liver parenchymal cells. <i>Cellular and Molecular Life Sciences</i> , 2006 , 63, 2527-37	10.3	12
7	Liver X receptor agonists ameliorate TNFalpha-induced insulin resistance in murine brown adipocytes by downregulating protein tyrosine phosphatase-1B gene expression. <i>Diabetologia</i> , 2006 , 49, 3038-48	10.3	33
6	Ceramide mediates TNF-alpha-induced insulin resistance on GLUT4 gene expression in brown adipocytes. <i>Archives of Physiology and Biochemistry</i> , 2006 , 112, 13-22	2.2	30
5	Bile acids alter the subcellular localization of CNT2 (concentrative nucleoside cotransporter) and increase CNT2-related transport activity in liver parenchymal cells. <i>Biochemical Journal</i> , 2006 , 395, 337-44	2.8	21
4	The concentrative nucleoside transporter family (SLC28): new roles beyond salvage?. <i>Biochemical Society Transactions</i> , 2005 , 33, 216-9	5.1	16
3	ATP-sensitive K(+) channels regulate the concentrative adenosine transporter CNT2 following activation by A(1) adenosine receptors. <i>Molecular and Cellular Biology</i> , 2004 , 24, 2710-9	4.8	47
2	Up-regulation of the high-affinity pyrimidine-preferring nucleoside transporter concentrative nucleoside transporter 1 by tumor necrosis factor-alpha and interleukin-6 in liver parenchymal cells. <i>Journal of Hepatology</i> , 2004 , 41, 538-44	13.4	26
1	Role of the human concentrative nucleoside transporter (hCNT1) in the cytotoxic action of 5[Prime]-deoxy-5-fluorouridine, an active intermediate metabolite of capecitabine, a novel oral anticancer drug. <i>Molecular Pharmacology</i> , 2001 , 59, 1542-8	4.3	72