

Joan j Vendrell

List of Publications by Year in descending order

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281
papers

13,219
citations

22132

59
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33869

99
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294
all docs

294
docs citations

294
times ranked

18228
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of diabetes mellitus and impaired glucose regulation in Spain: the Di@bet.es Study. <i>Diabetologia</i> , 2012, 55, 88-93.	2.9	812
2	Circulating Interleukin 6 Levels, Blood Pressure, and Insulin Sensitivity in Apparently Healthy Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1154-1159.	1.8	483
3	Resistin, Adiponectin, Ghrelin, Leptin, and Proinflammatory Cytokines: Relationships in Obesity. <i>Obesity</i> , 2004, 12, 962-971.	4.0	445
4	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , 2018, 12, 1642-1657.	4.4	260
5	Obesity changes the human gut mycobiome. <i>Scientific Reports</i> , 2015, 5, 14600.	1.6	231
6	Interleukin-6 gene polymorphism and insulin sensitivity. <i>Diabetes</i> , 2000, 49, 517-520.	0.3	228
7	The TNF- α Gene <i>rs1808616</i> Polymorphism Influences the Relationship Among Insulin Resistance, Percent Body Fat, and Increased Serum Leptin Levels. <i>Diabetes</i> , 1997, 46, 1468-1472.	0.3	221
8	Plasma levels of the soluble fraction of tumor necrosis factor receptor 2 and insulin resistance. <i>Diabetes</i> , 1998, 47, 1757-1762.	0.3	211
9	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. <i>Cell</i> , 2019, 177, 881-895.e17.	13.5	209
10	Interleukin-6 Gene Polymorphism and Lipid Abnormalities in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1334-1339.	1.8	197
11	Insulin Resistance, Inflammation, and Serum Fatty Acid Composition. <i>Diabetes Care</i> , 2003, 26, 1362-1368.	4.3	178
12	SUCNR1 controls an anti-inflammatory program in macrophages to regulate the metabolic response to obesity. <i>Nature Immunology</i> , 2019, 20, 581-592.	7.0	168
13	Circulating Interleukin 6 Levels, Blood Pressure, and Insulin Sensitivity in Apparently Healthy Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1154-1159.	1.8	163
14	Gut microbiota-derived succinate: Friend or foe in human metabolic diseases?. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 439-447.	2.6	162
15	Stromal stem cells from adipose tissue and bone marrow of age-matched female donors display distinct immunophenotypic profiles. <i>Journal of Cellular Physiology</i> , 2011, 226, 843-851.	2.0	161
16	The interleukin-6 (<i>-174</i>) G/C promoter polymorphism is associated with type-2 diabetes mellitus in Native Americans and Caucasians. <i>Human Genetics</i> , 2003, 112, 409-413.	1.8	157
17	Effect of Massive Weight Loss on Inflammatory Adipocytokines and the Innate Immune System in Morbidly Obese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 483-490.	1.8	148
18	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-E769.	1.8	143

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19	Mitochondrial DNA and TLR9 drive muscle inflammation upon Opa1 deficiency. <i>EMBO Journal</i> , 2018, 37, .	3.5	139
20	Circulating Retinol-Binding Protein-4, Insulin Sensitivity, Insulin Secretion, and Insulin Disposition Index in Obese and Nonobese Subjects. <i>Diabetes Care</i> , 2007, 30, 1802-1806.	4.3	134
21	Obesity and Type 2 Diabetes Alters the Immune Properties of Human Adipose Derived Stem Cells. <i>Stem Cells</i> , 2016, 34, 2559-2573.	1.4	133
22	Study of the Potential Association of Adipose Tissue GLP-1 Receptor with Obesity and Insulin Resistance. <i>Endocrinology</i> , 2011, 152, 4072-4079.	1.4	121
23	Grape-seed procyanidins modulate inflammation on human differentiated adipocytes in vitro. <i>Cytokine</i> , 2009, 47, 137-142.	1.4	110
24	PP2A Regulatory Subunit PP2A-B ϵ 2 Counteracts S6K Phosphorylation. <i>Cell Metabolism</i> , 2010, 11, 438-444.	7.2	110
25	A role for adipocyte-derived lipopolysaccharide-binding protein in inflammation- and obesity-associated adipose tissue dysfunction. <i>Diabetologia</i> , 2013, 56, 2524-2537.	2.9	109
26	Serum Corticosteroid-Binding Globulin Concentration and Insulin Resistance Syndrome: A Population Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4686-4690.	1.8	106
27	Cardiovascular abnormalities in hyperthyroidism: A prospective Doppler echocardiographic study. <i>American Journal of Medicine</i> , 2005, 118, 126-131.	0.6	106
28	A polymorphism in the promoter of the tumor necrosis factor- β gene (β 308) is associated with coronary heart disease in type 2 diabetic patients. <i>Atherosclerosis</i> , 2003, 167, 257-264.	0.4	104
29	Human aquaporin β 11 is a water and glycerol channel and localizes in the vicinity of lipid droplets in human adipocytes. <i>Obesity</i> , 2014, 22, 2010-2017.	1.5	101
30	IL6 Gene Promoter Polymorphisms and Type 2 Diabetes: Joint Analysis of Individual Participants' Data From 21 Studies. <i>Diabetes</i> , 2006, 55, 2915-2921.	0.3	99
31	Obesity Determines the Immunophenotypic Profile and Functional Characteristics of Human Mesenchymal Stem Cells From Adipose Tissue. <i>Stem Cells Translational Medicine</i> , 2016, 5, 464-475.	1.6	96
32	Prevalencia, diagnóstico, tratamiento y control de la hipertensión arterial en España. Resultados del estudio Di@bet.es. <i>Revista Española De Cardiología</i> , 2016, 69, 572-578.	0.6	91
33	CD14 Monocyte Receptor, Involved in the Inflammatory Cascade, and Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1780-1784.	1.8	90
34	Distribution and determinants of adiponectin, resistin and ghrelin in a randomly selected healthy population. <i>Clinical Endocrinology</i> , 2005, 63, 329-335.	1.2	89
35	Diabetic neuropathy is associated with activation of the TNF-alpha system in subjects with type 1 diabetes mellitus. <i>Clinical Endocrinology</i> , 2005, 63, 525-529.	1.2	88
36	CD14 Modulates Inflammation-Driven Insulin Resistance. <i>Diabetes</i> , 2011, 60, 2179-2186.	0.3	83

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37	Circulating Adiponectin and Plasma Fatty Acid Profile. <i>Clinical Chemistry</i> , 2005, 51, 603-609.	1.5	82
38	Adipose Tissue Expression of the Glycerol Channel Aquaporin-7 Gene Is Altered in Severe Obesity But Not in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3640-3645.	1.8	82
39	Metabolic endotoxemia and saturated fat contribute to circulating NGAL concentrations in subjects with insulin resistance. <i>International Journal of Obesity</i> , 2010, 34, 240-249.	1.6	82
40	Serum Interleukin-6 Correlates With Endothelial Dysfunction in Healthy Men Independently of Insulin Sensitivity. <i>Diabetes Care</i> , 2007, 30, 939-945.	4.3	81
41	Is plasma 25(OH) D related to adipokines, inflammatory cytokines and insulin resistance in both a healthy and morbidly obese population?. <i>Endocrine</i> , 2010, 38, 235-242.	1.1	81
42	Pro12Ala Substitution in the Peroxisome Proliferator-Activated Receptor-Gamma Is Associated with Increased Leptin Levels in Women with Type-2 Diabetes mellitus. <i>Hormone Research in Paediatrics</i> , 2002, 58, 143-149.	0.8	79
43	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-E919.	1.8	79
44	Polymorphism of the tumor necrosis factor-alpha receptor 2 gene is associated with obesity, leptin levels, and insulin resistance in young subjects and diet-treated type 2 diabetic patients. <i>Diabetes Care</i> , 2000, 23, 831-837.	4.3	78
45	Circulating and Adipose Tissue Gene Expression of Zinc- α 2-Glycoprotein in Obesity: Its Relationship with Adipokine and Lipolytic Gene Markers in Subcutaneous and Visceral Fat. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 5062-5069.	1.8	78
46	Effect of weight loss induced by gastric bypass on proinflammatory interleukin-18, soluble tumour necrosis factor- α receptors, C-reactive protein and adiponectin in morbidly obese patients. <i>Clinical Endocrinology</i> , 2007, 67, 679-686.	1.2	77
47	Interleukin-6 Gene Polymorphism and Lipid Abnormalities in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1334-1339.	1.8	76
48	Obesity-associated insulin resistance is correlated to adipose tissue vascular endothelial growth factors and metalloproteinase levels. <i>BMC Physiology</i> , 2012, 12, 4.	3.6	74
49	Incidence of Type 1 (insulin-dependent) diabetes mellitus in Catalonia, Spain. <i>Diabetologia</i> , 1992, 35, 267-271.	2.9	72
50	Shedding of TNF- α receptors, blood pressure, and insulin sensitivity in type 2 diabetes mellitus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E952-E959.	1.8	72
51	Tumor necrosis factor system activity is associated with insulin resistance and dyslipidemia in myotonic dystrophy. <i>Diabetes</i> , 1999, 48, 1108-1112.	0.3	71
52	Incidence of diabetes mellitus in Spain as results of the nation-wide cohort di@bet.es study. <i>Scientific Reports</i> , 2020, 10, 2765.	1.6	71
53	Arterial Stiffness Is Increased in Patients With Type 1 Diabetes Without Cardiovascular Disease. <i>Diabetes Care</i> , 2012, 35, 1083-1089.	4.3	70
54	Altered Expression of miR-181a-5p and miR-23a-3p Is Associated With Obesity and TNF- α -Induced Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1447-1458.	1.8	69

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55	FABP4 Dynamics in Obesity: Discrepancies in Adipose Tissue and Liver Expression Regarding Circulating Plasma Levels. <i>PLoS ONE</i> , 2012, 7, e48605.	1.1	67
56	The TNF-alpha gene Nco I polymorphism influences the relationship among insulin resistance, percent body fat, and increased serum leptin levels. <i>Diabetes</i> , 1997, 46, 1468-1472.	0.3	66
57	Circulating levels of lipocalin-2 and retinol-binding protein-4 are increased in psoriatic patients and correlated with baseline PASI. <i>Archives of Dermatological Research</i> , 2013, 305, 105-112.	1.1	65
58	CDK4 is an essential insulin effector in adipocytes. <i>Journal of Clinical Investigation</i> , 2015, 126, 335-348.	3.9	65
59	Influence of Morbid Obesity and Insulin Resistance on Gene Expression Levels of AQP7 in Visceral Adipose Tissue and AQP9 in Liver. <i>Obesity Surgery</i> , 2008, 18, 695-701.	1.1	64
60	A nontargeted proteomic approach to the study of visceral and subcutaneous adipose tissue in human obesity. <i>Molecular and Cellular Endocrinology</i> , 2012, 363, 10-19.	1.6	64
61	Insulin sensitivity and resistin levels in gestational diabetes mellitus and after parturition. <i>European Journal of Endocrinology</i> , 2008, 158, 173-178.	1.9	60
62	Paired Subcutaneous and Visceral Adipose Tissue Aquaporin-7 Expression in Human Obesity and Type 2 Diabetes: Differences and Similarities between Depots. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3470-3479.	1.8	59
63	Insulin Resistance, Leptin and TNF- α System in Morbidly Obese Women after Gastric Bypass. <i>Obesity Surgery</i> , 2003, 13, 615-621.	1.1	58
64	Tumor Necrosis-Like Weak Inducer of Apoptosis as a Proinflammatory Cytokine in Human Adipocyte Cells: Up-Regulation in Severe Obesity Is Mediated by Inflammation But Not Hypoxia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2983-2992.	1.8	57
65	Angiotensin converting enzyme and angiotensinogen gene polymorphisms in non-insulin-dependent diabetes mellitus. Lack of relationship with diabetic nephropathy and retinopathy in a caucasian mediterranean population. <i>Metabolism: Clinical and Experimental</i> , 1997, 46, 976-980.	1.5	56
66	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.	1.1	55
67	Advanced glycation end products are associated with arterial stiffness in type 1 diabetes. <i>Journal of Endocrinology</i> , 2014, 221, 405-413.	1.2	54
68	Obesity and Insulin Resistance-Related Changes in the Expression of Lipogenic and Lipolytic Genes in Morbidly Obese Subjects. <i>Obesity Surgery</i> , 2010, 20, 1559-1567.	1.1	53
69	Low Physical Activity and Its Association with Diabetes and Other Cardiovascular Risk Factors: A Nationwide, Population-Based Study. <i>PLoS ONE</i> , 2016, 11, e0160959.	1.1	53
70	Mannose-Binding Lectin Gene Polymorphisms Are Associated with Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 5081-5087.	1.8	52
71	Plasma PTX3 protein levels inversely correlate with insulin secretion and obesity, whereas visceral adipose tissue PTX3 gene expression is increased in obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E1254-E1261.	1.8	52
72	Lower heart rate variability is associated with higher plasma concentrations of IL-6 in type 1 diabetes. <i>European Journal of Endocrinology</i> , 2007, 157, 31-38.	1.9	51

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73	Joint analysis of individual participantsâ€™ data from 17 studies on the association of the IL6 variant -174G>C with circulating glucose levels, interleukin-6 levels, and body mass index. <i>Annals of Medicine</i> , 2009, 41, 128-138.	1.5	51
74	Burden of Infection and Insulin Resistance in Healthy Middle-Aged Men. <i>Diabetes Care</i> , 2006, 29, 1058-1064.	4.3	51
75	Adipose tissue glycogen accumulation is associated with obesity-linked inflammation in humans. <i>Molecular Metabolism</i> , 2016, 5, 5-18.	3.0	50
76	Population-Based National Prevalence of Thyroid Dysfunction in Spain and Associated Factors: Di@bet.es Study. <i>Thyroid</i> , 2017, 27, 156-166.	2.4	50
77	Structural damage in diabetic nephropathy is associated with TNF-Î± system activity. <i>Acta Diabetologica</i> , 2012, 49, 301-305.	1.2	49
78	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.	2.3	49
79	Iodine intake in the adult population. Di@bet.es study. <i>Clinical Nutrition</i> , 2012, 31, 882-888.	2.3	48
80	Zinc-Alpha 2-Glycoprotein Gene Expression in Adipose Tissue Is Related with Insulin Resistance and Lipolytic Genes in Morbidly Obese Patients. <i>PLoS ONE</i> , 2012, 7, e33264.	1.1	48
81	Expression of TWEAK and its receptor Fn14 in human subcutaneous adipose tissue. Relationship with other inflammatory cytokines in obesity. <i>Cytokine</i> , 2006, 33, 129-137.	1.4	47
82	TP53INP2 regulates adiposity by activating Î²-catenin through autophagy-dependent sequestration of GSK3Î². <i>Nature Cell Biology</i> , 2018, 20, 443-454.	4.6	47
83	Preoperative Circulating Succinate Levels as a Biomarker for Diabetes Remission After Bariatric Surgery. <i>Diabetes Care</i> , 2019, 42, 1956-1965.	4.3	47
84	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.	1.6	47
85	Monocyte Chemoattractant Protein-1 in Obesity and Type 2 Diabetes. <i>Insulin Sensitivity Study*</i> . <i>Obesity</i> , 2007, 15, 664-672.	1.5	46
86	Cyclin G2 Regulates Adipogenesis through PPARÎ³ Coactivation. <i>Endocrinology</i> , 2010, 151, 5247-5254.	1.4	46
87	Plasma levels of the soluble fraction of tumor necrosis factor receptors 1 and 2 are independent determinants of plasma cholesterol and LDL-cholesterol concentrations in healthy subjects. <i>Atherosclerosis</i> , 1999, 146, 321-327.	0.4	45
88	Gene expression of paired abdominal adipose AQP7 and liver AQP9 in patients with morbid obesity. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 1762-1768.	1.5	45
89	TNF-Î± inhibits PPARÎ²/Î³ activity and SIRT1 expression through NF-Î²B in human adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 1177-1185.	1.2	45
90	Circulating Soluble Transferrin Receptor According to Glucose Tolerance Status and Insulin Sensitivity. <i>Diabetes Care</i> , 2007, 30, 604-608.	4.3	44

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91	Serum Levels of TWEAK and Scavenger Receptor CD163 in Type 1 Diabetes Mellitus: Relationship with Cardiovascular Risk Factors. A Case-Control Study. <i>PLoS ONE</i> , 2012, 7, e43919.	1.1	44
92	Rethinking succinate: an unexpected hormone-like metabolite in energy homeostasis. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 680-692.	3.1	44
93	Burden of Infection and Fat Mass in Healthy Middle-aged Men. <i>Obesity</i> , 2007, 15, 245-252.	1.5	43
94	Tumour necrosis factor alpha in fat redistribution syndromes associated with combination antiretroviral therapy in HIV-1-infected patients: potential role in subcutaneous adipocyte apoptosis. <i>European Journal of Clinical Investigation</i> , 2005, 35, 771-780.	1.7	42
95	Polymorphisms in the interleukin-6 receptor gene are associated with body mass index and with characteristics of the metabolic syndrome. <i>Clinical Endocrinology</i> , 2006, 65, 88-91.	1.2	42
96	Interleukin-6 in Obese Children and Adolescents With and Without Glucose Intolerance. <i>Diabetes Care</i> , 2007, 30, 1892-1894.	4.3	41
97	Distinct Roles of the Phosphatidate Phosphatases Lipin 1 and 2 during Adipogenesis and Lipid Droplet Biogenesis in 3T3-L1 Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 34502-34513.	1.6	41
98	Effects of glucagon-like peptide-1 on the differentiation and metabolism of human adipocytes. <i>British Journal of Pharmacology</i> , 2016, 173, 1820-1834.	2.7	41
99	Prevalence, Diagnosis, Treatment, and Control of Hypertension in Spain. Results of the Di@bet.es Study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016, 69, 572-578.	0.4	41
100	Maternal soluble tumour necrosis factor receptor type 2 (sTNFR2) and adiponectin are both related to blood pressure during gestation and infant's birthweight. <i>Clinical Endocrinology</i> , 2004, 61, 544-552.	1.2	40
101	Human serum levels of fetal antigen 1 (FA1/Dlk1) increase with obesity, are negatively associated with insulin sensitivity and modulate inflammation in vitro. <i>International Journal of Obesity</i> , 2008, 32, 1122-1129.	1.6	40
102	Maternal and Cord Blood Adiponectin Multimeric Forms in Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2011, 34, 2418-2423.	4.3	40
103	Endobarrier® in Grade I Obese Patients with Long-Standing Type 2 Diabetes: Role of Gastrointestinal Hormones in Glucose Metabolism. <i>Obesity Surgery</i> , 2017, 27, 569-577.	1.1	40
104	Smoking, fat mass and activation of the tumor necrosis factor- α pathway. <i>International Journal of Obesity</i> , 2003, 27, 1552-1556.	1.6	39
105	Protection from inflammatory disease in insulin resistance: the role of mannan-binding lectin. <i>Diabetologia</i> , 2006, 49, 2402-2411.	2.9	38
106	Circulating IL-18 concentration is associated with insulin sensitivity and glucose tolerance through increased fat-free mass. <i>Diabetologia</i> , 2005, 48, 1841-1843.	2.9	37
107	Regulation of Bone Mineral Density in Morbidly Obese Women: A Cross-sectional Study in Two Cohorts Before and After Bypass Surgery. <i>Obesity Surgery</i> , 2009, 19, 345-350.	1.1	37
108	TWEAK: A New Player in Obesity and Diabetes. <i>Frontiers in Immunology</i> , 2013, 4, 488.	2.2	36

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109	Reference values for TSH may be inadequate to define hypothyroidism in persons with morbid obesity: Di@bet.es study. <i>Obesity</i> , 2017, 25, 788-793.	1.5	36
110	Elevated plasma succinate levels are linked to higher cardiovascular disease risk factors in young adults. <i>Cardiovascular Diabetology</i> , 2021, 20, 151.	2.7	36
111	Guillain-Barré syndrome associated with seroconversion for anti-HTLV-1. <i>Neurology</i> , 1987, 37, 544.	1.5	36
112	C282Y and H63D mutations of the hemochromatosis candidate gene in type 2 diabetes. <i>Diabetes Care</i> , 1999, 22, 525-526.	4.3	35
113	Circulating soluble CD36 is associated with glucose metabolism and interleukin-6 in glucose-intolerant men. <i>Diabetes and Vascular Disease Research</i> , 2009, 6, 15-20.	0.9	35
114	A Glycovariant of Human CD44 is Characteristically Expressed on Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2017, 35, 1080-1092.	1.4	35
115	A Polymorphism in the 3' Untranslated Region of the Gene for Tumor Necrosis Factor Receptor 2 Modulates Reporter Gene Expression. <i>Endocrinology</i> , 2005, 146, 2210-2220.	1.4	34
116	Adipocyte Fatty Acid-binding Protein as a Determinant of Insulin Sensitivity in Morbidly Obese Women. <i>Obesity</i> , 2009, 17, 1124-1128.	1.5	34
117	Prevalence of the metabolic syndrome in Spain using regional cutoff points for waist circumference: the di@bet.es study. <i>Acta Diabetologica</i> , 2013, 50, 615-623.	1.2	34
118	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, 572-583.	1.5	34
119	Plasma visfatin concentrations increase in both hyper and hypothyroid subjects after normalization of thyroid function and are not related to insulin resistance, anthropometric or inflammatory parameters. <i>Clinical Endocrinology</i> , 2009, 71, 733-738.	1.2	33
120	Weight loss in prepubertal obese children is associated with a decrease in adipocyte fatty-acid-binding protein without changes in lipocalin-2: a 2-year longitudinal study. <i>European Journal of Endocrinology</i> , 2010, 163, 887-893.	1.9	33
121	The usefulness of HbA1c in postpartum reclassification of gestational diabetes. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012, 119, 891-894.	1.1	33
122	Resveratrol induces antioxidant defence via transcription factor Yap1p. <i>Yeast</i> , 2012, 29, 251-263.	0.8	33
123	PPP2R5C Couples Hepatic Glucose and Lipid Homeostasis. <i>PLoS Genetics</i> , 2015, 11, e1005561.	1.5	33
124	An Inflammation Score Is Better Associated with Basal than Stimulated Surrogate Indexes of Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 112-116.	1.8	32
125	Olive oil has a beneficial effect on impaired glucose regulation and other cardiometabolic risk factors. Di@bet.es study. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 911-916.	1.3	32
126	Ambient temperature and prevalence of obesity in the Spanish population: The Di@bet.es study. <i>Obesity</i> , 2014, 22, 2328-2332.	1.5	32

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127	GLUT1 gene polymorphism in non-insulin-dependent diabetes mellitus: genetic susceptibility relationship with cardiovascular risk factors and microangiopathic complications in a Mediterranean population. <i>Diabetes Research and Clinical Practice</i> , 1998, 41, 113-120.	1.1	31
128	<i>LMNA</i> mRNA Expression Is Altered in Human Obesity and Type 2 Diabetes. <i>Obesity</i> , 2008, 16, 1742-1748.	1.5	30
129	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-E1333.	1.8	30
130	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.	2.2	30
131	Lipopolysaccharide-binding protein is increased in patients with psoriasis with metabolic syndrome, and correlates with C-reactive protein. <i>Clinical and Experimental Dermatology</i> , 2013, 38, 81-84.	0.6	29
132	De Novo Lipogenesis in Adipose Tissue Is Associated with Course of Morbid Obesity after Bariatric Surgery. <i>PLoS ONE</i> , 2012, 7, e31280.	1.1	29
133	Hypoxia is associated with a lower expression of genes involved in lipogenesis in visceral adipose tissue. <i>Journal of Translational Medicine</i> , 2015, 13, 373.	1.8	28
134	Lipopolysaccharide binding protein is an adipokine involved in the resilience of the mouse adipocyte to inflammation. <i>Diabetologia</i> , 2015, 58, 2424-2434.	2.9	28
135	G Protein β 3 Gene Variant, Vascular Function, and Insulin Sensitivity in Type 2 Diabetes. <i>Hypertension</i> , 2003, 41, 124-129.	1.3	27
136	Circulating soluble CD36 is a novel marker of liver injury in subjects with altered glucose tolerance. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 477-484.	1.9	27
137	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-e2802.	2.7	27
138	Leptin and adiponectin, but not IL18, are related with insulin resistance in treated HIV-1-infected patients with lipodystrophy. <i>Cytokine</i> , 2012, 58, 253-260.	1.4	26
139	Variable patterns of obesity and cardiometabolic phenotypes and their association with lifestyle factors in the Di@bet.es study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 947-955.	1.1	26
140	The BACE1 product sAPP β 2 induces ER stress and inflammation and impairs insulin signaling. <i>Metabolism: Clinical and Experimental</i> , 2018, 85, 59-75.	1.5	26
141	Bone mineral mass is associated with interleukin 1 receptor autoantigen and TNF- α gene polymorphisms in post-menopausal Mediterranean women. <i>Journal of Endocrinological Investigation</i> , 2002, 25, 684-690.	1.8	24
142	GNIP1 E3 ubiquitin ligase is a novel player in regulating glycogen metabolism in skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 2018, 83, 177-187.	1.5	24
143	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.	1.6	24
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