

Joan j Vendrell

List of Publications by Citations

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268
papers

9,948
citations

53
h-index

85
g-index

293
ext. papers

11,631
ext. citations

6.6
avg, IF

5.65
L-index

#	Paper	IF	Citations
268	Prevalence of diabetes mellitus and impaired glucose regulation in Spain: the Di@bet.es Study. <i>Diabetologia</i> , 2012 , 55, 88-93	10.3	586
267	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, 1154-9	5.6	418
266	Resistin, adiponectin, ghrelin, leptin, and proinflammatory cytokines: relationships in obesity. <i>Obesity</i> , 2004 , 12, 962-71		362
265	Interleukin-6 gene polymorphism and insulin sensitivity. <i>Diabetes</i> , 2000 , 49, 517-20	0.9	204
264	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, 1468-72	0.9	200
263	Plasma levels of the soluble fraction of tumor necrosis factor receptor 2 and insulin resistance. <i>Diabetes</i> , 1998 , 47, 1757-62	0.9	188
262	Interleukin-6 gene polymorphism and lipid abnormalities in healthy subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 1334-9	5.6	183
261	Insulin resistance, inflammation, and serum fatty acid composition. <i>Diabetes Care</i> , 2003 , 26, 1362-8	14.6	146
260	The interleukin-6 (-174) G/C promoter polymorphism is associated with type-2 diabetes mellitus in Native Americans and Caucasians. <i>Human Genetics</i> , 2003 , 112, 409-13	6.3	145
259	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, 843-51	7	133
258	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
257	Obesity changes the human gut mycobiome. <i>Scientific Reports</i> , 2015 , 5, 14600	4.9	130
256	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, 483-90	5.6	130
255	Circulating retinol-binding protein-4, insulin sensitivity, insulin secretion, and insulin disposition index in obese and nonobese subjects. <i>Diabetes Care</i> , 2007 , 30, 1802-6	14.6	118
254	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. <i>Cell</i> , 2019 , 177, 881-895.e17	56.2	109
253	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
252	Grape-seed procyanidins modulate inflammation on human differentiated adipocytes in vitro. <i>Cytokine</i> , 2009 , 47, 137-42	4	97

251	Study of the potential association of adipose tissue GLP-1 receptor with obesity and insulin resistance. <i>Endocrinology</i> , 2011 , 152, 4072-9	4.8	96
250	A polymorphism in the promoter of the tumor necrosis factor-alpha gene (-308) is associated with coronary heart disease in type 2 diabetic patients. <i>Atherosclerosis</i> , 2003 , 167, 257-64	3.1	93
249	IL6 gene promoter polymorphisms and type 2 diabetes: joint analysis of individual participants' data from 21 studies. <i>Diabetes</i> , 2006 , 55, 2915-21	0.9	91
248	Mitochondrial DNA and TLR9 drive muscle inflammation upon Opa1 deficiency. <i>EMBO Journal</i> , 2018 , 37,	13	86
247	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
246	PP2A regulatory subunit PP2A-B' counteracts S6K phosphorylation. <i>Cell Metabolism</i> , 2010 , 11, 438-44	24.6	86
245	Serum corticosteroid-binding globulin concentration and insulin resistance syndrome: a population study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 4686-90	5.6	81
244	Cardiovascular abnormalities in hyperthyroidism: a prospective Doppler echocardiographic study. <i>American Journal of Medicine</i> , 2005 , 118, 126-31	2.4	79
243	CD14 monocyte receptor, involved in the inflammatory cascade, and insulin sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 1780-4	5.6	79
242	CD14 modulates inflammation-driven insulin resistance. <i>Diabetes</i> , 2011 , 60, 2179-86	0.9	78
241	Distribution and determinants of adiponectin, resistin and ghrelin in a randomly selected healthy population. <i>Clinical Endocrinology</i> , 2005 , 63, 329-35	3.4	78
240	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
239	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
238	A role for adipocyte-derived lipopolysaccharide-binding protein in inflammation- and obesity-associated adipose tissue dysfunction. <i>Diabetologia</i> , 2013 , 56, 2524-37	10.3	75
237	Diabetic neuropathy is associated with activation of the TNF-alpha system in subjects with type 1 diabetes mellitus. <i>Clinical Endocrinology</i> , 2005 , 63, 525-9	3.4	75
236	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, 3640-5	5.6	74
235	Metabolic endotoxemia and saturated fat contribute to circulating NGAL concentrations in subjects with insulin resistance. <i>International Journal of Obesity</i> , 2010 , 34, 240-9	5.5	72
234	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, 831-7	14.6	72

233	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, 235-42	4	70
232	Circulating adiponectin and plasma fatty acid profile. <i>Clinical Chemistry</i> , 2005 , 51, 603-9	5.5	66
231	Circulating and adipose tissue gene expression of zinc-alpha2-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, 5062-9	5.6	63
230	Effect of weight loss induced by gastric bypass on proinflammatory interleukin-18, soluble tumour necrosis factor-alpha receptors, C-reactive protein and adiponectin in morbidly obese patients. <i>Clinical Endocrinology</i> , 2007 , 67, 679-86	3.4	63
229	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
228	Tumor necrosis factor system activity is associated with insulin resistance and dyslipidemia in myotonic dystrophy. <i>Diabetes</i> , 1999 , 48, 1108-12	0.9	61
227	Interleukin-6 Gene Polymorphism and Lipid Abnormalities in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 1334-1339	5.6	61
226	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
225	Serum interleukin-6 correlates with endothelial dysfunction in healthy men independently of insulin sensitivity. <i>Diabetes Care</i> , 2007 , 30, 939-45	14.6	60
224	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
223	Obesity-associated insulin resistance is correlated to adipose tissue vascular endothelial growth factors and metalloproteinase levels. <i>BMC Physiology</i> , 2012 , 12, 4	0	58
222	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	3.7	58
221	Shedding of TNF-alpha receptors, blood pressure, and insulin sensitivity in type 2 diabetes mellitus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 282, E952-9	6	57
220	Arterial stiffness is increased in patients with type 1 diabetes without cardiovascular disease: a potential role of low-grade inflammation. <i>Diabetes Care</i> , 2012 , 35, 1083-9	14.6	54
219	Incidence of type 1 (insulin-dependent) diabetes mellitus in Catalonia, Spain. The Catalan Epidemiology Diabetes Study Group. <i>Diabetologia</i> , 1992 , 35, 267-71	10.3	54
218	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	0.9	54
217	Insulin resistance, leptin and TNF-alpha system in morbidly obese women after gastric bypass. <i>Obesity Surgery</i> , 2003 , 13, 615-21	3.7	53
216	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, 2983-92	5.6	52

215	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, 3470-9	5.6	52
214	A nontargeted proteomic approach to the study of visceral and subcutaneous adipose tissue in human obesity. <i>Molecular and Cellular Endocrinology</i> , 2012 , 363, 10-9	4.4	51
213	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, 105-12	3.3	50
212	Obesity and insulin resistance-related changes in the expression of lipogenic and lipolytic genes in morbidly obese subjects. <i>Obesity Surgery</i> , 2010 , 20, 1559-67	3.7	49
211	Angiotensin I-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, 976-80	12.7	49
210	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	5.6	48
209	Prevalencia, diagnóstico, tratamiento y control de la hipertensión arterial en España. Resultados del estudio Di@bet.es. <i>Revista Espanola De Cardiologia</i> , 2016 , 69, 572-578	1.5	47
208	Joint analysis of individual participants' 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, 128-38	1.5	47
207	Insulin sensitivity and resistin levels in gestational diabetes mellitus and after parturition. <i>European Journal of Endocrinology</i> , 2008 , 158, 173-8	6.5	47
206	CDK4 is an essential insulin effector in adipocytes. <i>Journal of Clinical Investigation</i> , 2016 , 126, 335-48	15.9	47
205	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, E1254-61	6	46
204	Iodine intake in the adult population. Di@bet.es study. <i>Clinical Nutrition</i> , 2012 , 31, 882-8	5.9	45
203	Mannose-binding lectin gene polymorphisms are associated with gestational diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 5081-7	5.6	44
202	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
201	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, 31-8	6.5	43
200	Expression of TWEAK and its receptor Fn14 in human subcutaneous adipose tissue. Relationship with other inflammatory cytokines in obesity. <i>Cytokine</i> , 2006 , 33, 129-37	4	43
199	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, 143-9	3.3	43
198	Advanced glycation end products are associated with arterial stiffness in type 1 diabetes. <i>Journal of Endocrinology</i> , 2014 , 221, 405-13	4.7	42

197	Structural damage in diabetic nephropathy is associated with TNF- α system activity. <i>Acta Diabetologica</i> , 2012 , 49, 301-5	3.9	41
196	FABP4 dynamics in obesity: discrepancies in adipose tissue and liver expression regarding circulating plasma levels. <i>PLoS ONE</i> , 2012 , 7, e48605	3.7	41
195	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	3.4	41
194	Cyclin G2 regulates adipogenesis through PPAR gamma coactivation. <i>Endocrinology</i> , 2010 , 151, 5247-54	4.8	40
193	Monocyte chemoattractant protein-1 in obesity and type 2 diabetes. Insulin sensitivity study. <i>Obesity</i> , 2007 , 15, 664-72	8	40
192	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, 321-7	3.1	40
191	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	3.7	40
190	TNF- α inhibits PPAR γ activity and SIRT1 expression through NF- κ B in human adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 1177-85	5	39
189	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	3.7	39
188	Gene expression of paired abdominal adipose AQP7 and liver AQP9 in patients with morbid obesity: relationship with glucose abnormalities. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 1762-8	12.7	39
187	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, 771-80	4.6	39
186	Maternal and cord blood adiponectin multimeric forms in gestational diabetes mellitus: a prospective analysis. <i>Diabetes Care</i> , 2011 , 34, 2418-23	14.6	38
185	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, 1122-9	5.5	38
184	Adipose tissue glycogen accumulation is associated with obesity-linked inflammation in humans. <i>Molecular Metabolism</i> , 2016 , 5, 5-18	8.8	37
183	Burden of infection and fat mass in healthy middle-aged men. <i>Obesity</i> , 2007 , 15, 245-52	8	37
182	Circulating soluble transferrin receptor according to glucose tolerance status and insulin sensitivity. <i>Diabetes Care</i> , 2007 , 30, 604-8	14.6	37
181	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, 544-52	3.4	37
180	Burden of infection and insulin resistance in healthy middle-aged men. <i>Diabetes Care</i> , 2006 , 29, 1058-64	14.6	36

179	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	3.7	35
178	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, 34502-13	5.4	34
177	TP53INP2 regulates adiposity by activating β catenin through autophagy-dependent sequestration of GSK3. <i>Nature Cell Biology</i> , 2018 , 20, 443-454	23.4	33
176	Protection from inflammatory disease in insulin resistance: the role of mannan-binding lectin. <i>Diabetologia</i> , 2006 , 49, 2402-11	10.3	33
175	Smoking, fat mass and activation of the tumor necrosis factor-alpha pathway. <i>International Journal of Obesity</i> , 2003 , 27, 1552-6	5.5	33
174	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, 2210-20	4.8	33
173	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	3.3	32
172	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, 345-50	3.7	32
171	Guillain-Barre Syndrome associated with seroconversion for anti-HTLV-III. <i>Neurology</i> , 1987 , 37, 544	6.5	31
170	Prevalence of the metabolic syndrome in Spain using regional cutoff points for waist circumference: the diabet.es study. <i>Acta Diabetologica</i> , 2013 , 50, 615-23	3.9	30
169	Resveratrol induces antioxidant defence via transcription factor Yap1p. <i>Yeast</i> , 2012 , 29, 251-63	3.4	30
168	Adipocyte fatty acid-binding protein as a determinant of insulin sensitivity in morbid-obese women. <i>Obesity</i> , 2009 , 17, 1124-8	8	30
167	Circulating IL-18 concentration is associated with insulin sensitivity and glucose tolerance through increased fat-free mass. <i>Diabetologia</i> , 2005 , 48, 1841-3	10.3	30
166	C282Y and H63D mutations of the hemochromatosis candidate gene in type 2 diabetes. <i>Diabetes Care</i> , 1999 , 22, 525-6	14.6	30
165	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	3.7	30
164	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
163	The usefulness of HbA1c in postpartum reclassification of gestational diabetes. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012 , 119, 891-4	3.7	29
162	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

161	TWEAK: A New Player in Obesity and Diabetes. <i>Frontiers in Immunology</i> , 2013 , 4, 488	8.4	29
160	Effects of glucagon-like peptide-1 on the differentiation and metabolism of human adipocytes. <i>British Journal of Pharmacology</i> , 2016 , 173, 1820-34	8.6	29
159	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
158	Preoperative Circulating Succinate Levels as a Biomarker for Diabetes Remission After Bariatric Surgery. <i>Diabetes Care</i> , 2019 , 42, 1956-1965	14.6	27
157	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, 911-6	5.2	27
156	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, 887-93	6.5	27
155	Interleukin-6 in obese children and adolescents with and without glucose intolerance. <i>Diabetes Care</i> , 2007 , 30, 1892-4	14.6	27
154	Population-Based National Prevalence of Thyroid Dysfunction in Spain and Associated Factors: Di@bet.es Study. <i>Thyroid</i> , 2017 , 27, 156-166	6.2	26
153	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
152	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, 733-8	3.4	26
151	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, 113-20	7.4	26
150	G protein beta3 gene variant, vascular function, and insulin sensitivity in type 2 diabetes. <i>Hypertension</i> , 2003 , 41, 124-9	8.5	26
149	Lipopolysaccharide binding protein is an adipokine involved in the resilience of the mouse adipocyte to inflammation. <i>Diabetologia</i> , 2015 , 58, 2424-34	10.3	25
148	De novo lipogenesis in adipose tissue is associated with course of morbid obesity after bariatric surgery. <i>PLoS ONE</i> , 2012 , 7, e31280	3.7	25
147	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, 947-55	4.5	24
146	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, 112-6	5.6	24
145	Incidence of diabetes mellitus in Spain as results of the nation-wide cohort di@bet.es study. <i>Scientific Reports</i> , 2020 , 10, 2765	4.9	24
144	Angiopietin-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

143	A Glycovariant of Human CD44 is Characteristically Expressed on Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2017 , 35, 1080-1092	5.8	23
142	PPP2R5C Couples Hepatic Glucose and Lipid Homeostasis. <i>PLoS Genetics</i> , 2015 , 11, e1005561	6	23
141	Ambient temperature and prevalence of obesity in the Spanish population: The Di@bet.es study. <i>Obesity</i> , 2014 , 22, 2328-32	8	23
140	Circulating soluble CD36 is a novel marker of liver injury in subjects with altered glucose tolerance. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 477-84	6.3	23
139	Leptin and adiponectin, but not IL18, are related with insulin resistance in treated HIV-1-infected patients with lipodystrophy. <i>Cytokine</i> , 2012 , 58, 253-60	4	22
138	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
137	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	8	21
136	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, 81-4	1.8	21
135	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	8.5	21
134	Bone mineral mass is associated with interleukin 1 receptor autoantigen and TNF-alpha gene polymorphisms in post-menopausal Mediterranean women. <i>Journal of Endocrinological Investigation</i> , 2002 , 25, 684-90	5.2	21
133	PPAR γ ameliorates fructose-induced insulin resistance in adipocytes by preventing Nrf2 activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 1049-58	6.9	20
132	LMNA mRNA expression is altered in human obesity and type 2 diabetes. <i>Obesity</i> , 2008 , 16, 1742-8	8	20
131	Human subcutaneous adipose tissue LPIN1 expression in obesity, type 2 diabetes mellitus, and human immunodeficiency virus-associated lipodystrophy syndrome. <i>Metabolism: Clinical and Experimental</i> , 2007 , 56, 1518-26	12.7	20
130	Lipodystrophy and insulin resistance in combination antiretroviral treated HIV-1-infected patients: implication of resistin. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2011 , 57, 16-23	3.1	19
129	Zinc alpha-2 glycoprotein is implicated in dyslipidaemia in HIV-1-infected patients treated with antiretroviral drugs. <i>HIV Medicine</i> , 2012 , 13, 297-303	2.7	18
128	Beta 3-adrenoreceptor gene polymorphism and leptin. Lack of relationship in type 2 diabetic patients. <i>Clinical Endocrinology</i> , 1998 , 49, 679-83	3.4	18
127	The IL-6 system in HIV-1-infection and in HAART-related fat redistribution syndromes. <i>Aids</i> , 2008 , 22, 893-6	3.5	18
126	Platelet count and interleukin 6 gene polymorphism in healthy subjects. <i>BMC Medical Genetics</i> , 2001 , 2, 6	2.1	18

125	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, 572-8	0.7	18
124	Mediterranean diet adherence in individuals with prediabetes and unknown diabetes: the Di@bet.es Study. <i>Annals of Nutrition and Metabolism</i> , 2013 , 62, 339-46	4.5	17
123	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
122	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
121	Serum activin A and follistatin levels in gestational diabetes and the association of the Activin A-Follistatin system with anthropometric parameters in offspring. <i>PLoS ONE</i> , 2014 , 9, e92175	3.7	16
120	Genetic Variation in Promoter (4G/5G) of Plasminogen Activator Inhibitor 1 Gene in Type 2 Diabetes: Absence of relationship with microangiopathy. <i>Diabetes Care</i> , 1998 , 21, 463-463	14.6	16
119	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
118	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
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