

Javier Gomez-Ambrosi

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.

188
papers

9,348
citations

56
h-index

89
g-index

204
ext. papers

10,795
ext. citations

5
avg, IF

5.84
L-index

#	Paper	IF	Citations
188	Increased Levels of Interleukin-36 in Obesity and Type 2 Diabetes Fuel Adipose Tissue Inflammation by Inducing Its Own Expression and Release by Adipocytes and Macrophages.. <i>Frontiers in Immunology</i> , 2022 , 13, 832185	8.4	2
187	High plasma and lingual uroguanylin as potential contributors to changes in food preference after sleeve gastrectomy.. <i>Metabolism: Clinical and Experimental</i> , 2022 , 128, 155119	12.7	0
186	Serum Levels of IL-1 RA Increase with Obesity and Type 2 Diabetes in Relation to Adipose Tissue Dysfunction and are Reduced After Bariatric Surgery in Parallel to Adiposity.. <i>Journal of Inflammation Research</i> , 2022 , 15, 1331-1345	4.8	1
185	Time to Consider the "Exposome Hypothesis" in the Development of the Obesity Pandemic.. <i>Nutrients</i> , 2022 , 14,	6.7	3
184	The Differential Expression of the Inflammasomes in Adipose Tissue and Colon Influences the Development of Colon Cancer in a Context of Obesity by Regulating Intestinal Inflammation. <i>Journal of Inflammation Research</i> , 2021 , 14, 6431-6446	4.8	3
183	Resting Energy Expenditure Is Not Altered in Children and Adolescents with Obesity. Effect of Age and Gender and Association with Serum Leptin Levels. <i>Nutrients</i> , 2021 , 13,	6.7	1
182	The 'new normality' in research? What message are we conveying our medical students?. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13586	4.6	
181	NLRP3 inflammasome blockade reduces adipose tissue inflammation and extracellular matrix remodeling. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1045-1057	15.4	30
180	FNDC4 and FNDC5 reduce SARS-CoV-2 entry points and spike glycoprotein S1-induced pyroptosis, apoptosis, and necroptosis in human adipocytes. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 2457-2459	15.4	8
179	Metrics: Reflections on the 2020s impact factors. <i>European Journal of Clinical Investigation</i> , 2021 , e13723	4.6	
178	FNDC4, a novel adipokine that reduces lipogenesis and promotes fat browning in human visceral adipocytes. <i>Metabolism: Clinical and Experimental</i> , 2020 , 108, 154261	12.7	10
177	Aquaporin-11 Contributes to TGF- β -Induced Endoplasmic Reticulum Stress in Human Visceral Adipocytes: Role in Obesity-Associated Inflammation. <i>Cells</i> , 2020 , 9,	7.9	11
176	Impact of adipokines and myokines on fat browning. <i>Journal of Physiology and Biochemistry</i> , 2020 , 76, 227-240	5	8
175	Dermatopontin, A Novel Adipokine Promoting Adipose Tissue Extracellular Matrix Remodelling and Inflammation in Obesity. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	8
174	Role of ghrelin isoforms in the mitigation of hepatic inflammation, mitochondrial dysfunction, and endoplasmic reticulum stress after bariatric surgery in rats. <i>International Journal of Obesity</i> , 2020 , 44, 475-487	5.5	11
173	Increase of the Adiponectin/Leptin Ratio in Patients with Obesity and Type 2 Diabetes after Roux-en-Y Gastric Bypass. <i>Nutrients</i> , 2019 , 11,	6.7	14
172	Functional Relationship between Leptin and Nitric Oxide in Metabolism. <i>Nutrients</i> , 2019 , 11,	6.7	25

171	Gene Ablation Prevents Liver Fibrosis in Leptin-Deficient Mice. <i>Genes</i> , 2019 , 10,	4.2	6
170	Adiponectin-leptin Ratio is a Functional Biomarker of Adipose Tissue Inflammation. <i>Nutrients</i> , 2019 , 11,	6.7	60
169	GLP-1 Limits Adipocyte Inflammation and Its Low Circulating Pre-Operative Concentrations Predict Worse Type 2 Diabetes Remission after Bariatric Surgery in Obese Patients. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	7
168	Ghrelin Reduces TNF- α -Induced Human Hepatocyte Apoptosis, Autophagy, and Pyroptosis: Role in Obesity-Associated NAFLD. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 21-37	5.6	42
167	Circulating Concentrations of GDF11 are Positively Associated with TSH Levels in Humans. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
166	Circulating GDF11 levels are decreased with age but are unchanged with obesity and type 2 diabetes. <i>Aging</i> , 2019 , 11, 1733-1744	5.6	11
165	Targeting mitochondria to oppose the progression of nonalcoholic fatty liver disease. <i>Biochemical Pharmacology</i> , 2019 , 160, 34-45	6	29
164	Novel protective role of kallistatin in obesity by limiting adipose tissue low grade inflammation and oxidative stress. <i>Metabolism: Clinical and Experimental</i> , 2018 , 87, 123-135	12.7	13
163	Targeted disruption of the iNOS gene improves adipose tissue inflammation and fibrosis in leptin-deficient ob/ob mice: role of tenascin C. <i>International Journal of Obesity</i> , 2018 , 42, 1458-1470	5.5	25
162	Clinical usefulness of abdominal bioimpedance (ViScan) in the determination of visceral fat and its application in the diagnosis and management of obesity and its comorbidities. <i>Clinical Nutrition</i> , 2018 , 37, 580-589	5.9	33
161	The increase in fiber size in male rat gastrocnemius after chronic central leptin infusion is related to activation of insulin signaling. <i>Molecular and Cellular Endocrinology</i> , 2018 , 470, 48-59	4.4	7
160	Adipokine dysregulation and adipose tissue inflammation in human obesity. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e12997	4.6	203
159	Adiponectin-leptin ratio: A promising index to estimate adipose tissue dysfunction. Relation with obesity-associated cardiometabolic risk. <i>Adipocyte</i> , 2018 , 7, 57-62	3.2	128
158	Inflammatory and Oxidative Stress Markers in Skeletal Muscle of Obese Subjects 2018 , 163-189		3
157	FGF19 and FGF21 serum concentrations in human obesity and type 2 diabetes behave differently after diet- or surgically-induced weight loss. <i>Clinical Nutrition</i> , 2017 , 36, 861-868	5.9	81
156	Gastric Plication Improves Glycemia Partly by Restoring the Altered Expression of Aquaglyceroporins in Adipose Tissue and the Liver in Obese Rats. <i>Obesity Surgery</i> , 2017 , 27, 1763-1774	3.7	4
155	IL-32-Induced inflammation constitutes a link between obesity and colon cancer. <i>Oncolmmunology</i> , 2017 , 6, e1328338	7.2	20
154	Normalization of adiponectin concentrations by leptin replacement in ob/ob mice is accompanied by reductions in systemic oxidative stress and inflammation. <i>Scientific Reports</i> , 2017 , 7, 2752	4.9	37

153	Dissociation of body mass index, excess weight loss and body fat percentage trajectories after 3 years of gastric bypass: relationship with metabolic outcomes. <i>International Journal of Obesity</i> , 2017 , 41, 1379-1387	5.5	21
152	Role of aquaporin-7 in ghrelin- and GLP-1-induced improvement of pancreatic β cell function after sleeve gastrectomy in obese rats. <i>International Journal of Obesity</i> , 2017 , 41, 1394-1402	5.5	15
151	An increase in visceral fat is associated with a decrease in the taste and olfactory capacity. <i>PLoS ONE</i> , 2017 , 12, e0171204	3.7	43
150	Involvement of the leptin-adiponectin axis in inflammation and oxidative stress in the metabolic syndrome. <i>Scientific Reports</i> , 2017 , 7, 6619	4.9	100
149	Sleeve Gastrectomy Reduces Body Weight and Improves Metabolic Profile also in Obesity-Prone Rats. <i>Obesity Surgery</i> , 2016 , 26, 1537-48	3.7	11
148	Smell-taste dysfunctions in extreme weight/eating conditions: analysis of hormonal and psychological interactions. <i>Endocrine</i> , 2016 , 51, 256-67	4	58
147	Increased Interleukin-32 Levels in Obesity Promote Adipose Tissue Inflammation and Extracellular Matrix Remodeling: Effect of Weight Loss. <i>Diabetes</i> , 2016 , 65, 3636-3648	0.9	26
146	Circulating ANGPTL8/Betatrophin Concentrations Are Increased After Surgically Induced Weight Loss, but Not After Diet-Induced Weight Loss. <i>Obesity Surgery</i> , 2016 , 26, 1881-9	3.7	18
145	Sleeve Gastrectomy Decreases Body Weight, Whole-Body Adiposity, and Blood Pressure Even in Aged Diet-Induced Obese Rats. <i>Obesity Surgery</i> , 2016 , 26, 1549-58	3.7	10
144	Increased Obesity-Associated Circulating Levels of the Extracellular Matrix Proteins Osteopontin, Chitinase-3 Like-1 and Tenascin C Are Associated with Colon Cancer. <i>PLoS ONE</i> , 2016 , 11, e0162189	3.7	14
143	Acylated and desacyl ghrelin are associated with hepatic lipogenesis, β oxidation and autophagy: role in NAFLD amelioration after sleeve gastrectomy in obese rats. <i>Scientific Reports</i> , 2016 , 6, 39942	4.9	34
142	Guanylin and uroguanylin stimulate lipolysis in human visceral adipocytes. <i>International Journal of Obesity</i> , 2016 , 40, 1405-15	5.5	29
141	Altered Concentrations in Dyslipidemia Evidence a Role for ANGPTL8/Betatrophin in Lipid Metabolism in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3803-3811	5.6	32
140	Expression of S6K1 in human visceral adipose tissue is upregulated in obesity and related to insulin resistance and inflammation. <i>Acta Diabetologica</i> , 2015 , 52, 257-66	3.9	27
139	Expression of syntaxin 8 in visceral adipose tissue is increased in obese patients with type 2 diabetes and related to markers of insulin resistance and inflammation. <i>Archives of Medical Research</i> , 2015 , 46, 47-53	6.6	8
138	Sleeve Gastrectomy Reduces Hepatic Steatosis by Improving the Coordinated Regulation of Aquaglyceroporins in Adipose Tissue and Liver in Obese Rats. <i>Obesity Surgery</i> , 2015 , 25, 1723-34	3.7	23
137	Peripheral mononuclear blood cells contribute to the obesity-associated inflammatory state independently of glycemic status: involvement of the novel proinflammatory adipokines chemerin, chitinase-3-like protein 1, lipocalin-2 and osteopontin. <i>Genes and Nutrition</i> , 2015 , 10, 460	4.3	33
136	Circulating Betatrophin Levels Are Increased in Anorexia and Decreased in Morbidly Obese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1188-96	5.6	34

135	Chronic central leptin infusion modulates the glycemia response to insulin administration in male rats through regulation of hepatic glucose metabolism. <i>Molecular and Cellular Endocrinology</i> , 2015 , 415, 157-72	4.4	10
134	Opposite alterations in FGF21 and FGF19 levels and disturbed expression of the receptor machinery for endocrine FGFs in obese patients. <i>International Journal of Obesity</i> , 2015 , 39, 121-9	5.5	129
133	Leptin administration activates irisin-induced myogenesis via nitric oxide-dependent mechanisms, but reduces its effect on subcutaneous fat browning in mice. <i>International Journal of Obesity</i> , 2015 , 39, 397-407	5.5	82
132	Leptin administration restores the altered adipose and hepatic expression of aquaglyceroporins improving the non-alcoholic fatty liver of ob/ob mice. <i>Scientific Reports</i> , 2015 , 5, 12067	4.9	42
131	Changes in Body Composition in Anorexia Nervosa: Predictors of Recovery and Treatment Outcome. <i>PLoS ONE</i> , 2015 , 10, e0143012	3.7	24
130	Physical activity in anorexia nervosa: How relevant is it to therapy response?. <i>European Psychiatry</i> , 2015 , 30, 924-31	6	14
129	Does body adiposity better predict obesity-associated cardiometabolic risk than body mass index?. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 632-3	15.1	1
128	Cardiometabolic Profile Related to Body Adiposity Identifies Patients Eligible for Bariatric Surgery More Accurately than BMI. <i>Obesity Surgery</i> , 2015 , 25, 1594-603	3.7	7
127	Modulation of Higher-Order Olfaction Components on Executive Functions in Humans. <i>PLoS ONE</i> , 2015 , 10, e0130319	3.7	24
126	Activation of noncanonical Wnt signaling through WNT5A in visceral adipose tissue of obese subjects is related to inflammation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1407-17	5.6	85
125	Increased cardiometabolic risk factors and inflammation in adipose tissue in obese subjects classified as metabolically healthy. <i>Diabetes Care</i> , 2014 , 37, 2813-21	14.6	97
124	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
123	Circulating betatrophin concentrations are decreased in human obesity and type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2004-9	5.6	133
122	Comparative effects of gastric bypass and sleeve gastrectomy on plasma osteopontin concentrations in humans. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014 , 28, 2412-20	5.2	13
121	Effect of sleeve gastrectomy on osteopontin circulating levels and expression in adipose tissue and liver in rats. <i>Obesity Surgery</i> , 2014 , 24, 1702-8	3.7	9
120	Insulin resistance modulates iron-related proteins in adipose tissue. <i>Diabetes Care</i> , 2014 , 37, 1092-100	14.6	43
119	Association of irisin with fat mass, resting energy expenditure, and daily activity in conditions of extreme body mass index. <i>International Journal of Endocrinology</i> , 2014 , 2014, 857270	2.7	117
118	Mechanisms linking excess adiposity and carcinogenesis promotion. <i>Frontiers in Endocrinology</i> , 2014 , 5, 65	5.7	74

117	Relationship between eating styles and temperament in an Anorexia Nervosa, Healthy Control, and Morbid Obesity female sample. <i>Appetite</i> , 2014 , 76, 76-83	4.5	40
116	Osteopontin deletion prevents the development of obesity and hepatic steatosis via impaired adipose tissue matrix remodeling and reduced inflammation and fibrosis in adipose tissue and liver in mice. <i>PLoS ONE</i> , 2014 , 9, e98398	3.7	55
115	Moderate-vigorous physical activity across body mass index in females: moderating effect of endocannabinoids and temperament. <i>PLoS ONE</i> , 2014 , 9, e104534	3.7	28
114	Adipopharmacology of inflammation and insulin resistance. <i>Biomedical Reviews</i> , 2014 , 17, 43	4	3
113	Six-transmembrane epithelial antigen of prostate 4 and neutrophil gelatinase-associated lipocalin expression in visceral adipose tissue is related to iron status and inflammation in human obesity. <i>European Journal of Nutrition</i> , 2013 , 52, 1587-95	5.2	23
112	Liver, but not adipose tissue PEDF gene expression is associated with insulin resistance. <i>International Journal of Obesity</i> , 2013 , 37, 1230-7	5.5	21
111	Targeting the circulating microRNA signature of obesity. <i>Clinical Chemistry</i> , 2013 , 59, 781-92	5.5	281
110	Increased levels of chemerin and its receptor, chemokine-like receptor-1, in obesity are related to inflammation: tumor necrosis factor- β stimulates mRNA levels of chemerin in visceral adipocytes from obese patients. <i>Surgery for Obesity and Related Diseases</i> , 2013 , 9, 306-14	3	49
109	Adipose Tissue: Structure, Function and Metabolism 2013 , 1-13		4
108	Adipose tissue immunity and cancer. <i>Frontiers in Physiology</i> , 2013 , 4, 275	4.6	84
107	Letter by Gomez-Ambrosi et al regarding article, "clinical assessment and management of adult obesity". <i>Circulation</i> , 2013 , 128, e39	16.7	1
106	Modulation of the Endocannabinoids N-Arachidonylethanolamine (AEA) and 2-Arachidonoylglycerol (2-AG) on Executive Functions in Humans. <i>PLoS ONE</i> , 2013 , 8, e66387	3.7	20
105	Role of PRDM16 in the activation of brown fat programming. Relevance to the development of obesity. <i>Histology and Histopathology</i> , 2013 , 28, 1411-25	1.4	19
104	Sleeve gastrectomy reduces blood pressure in obese (fa/fa) Zucker rats. <i>Obesity Surgery</i> , 2012 , 22, 309-15	3.7	14
103	The L-Elysophosphatidylinositol/GPR55 system and its potential role in human obesity. <i>Diabetes</i> , 2012 , 61, 281-91	0.9	112
102	Peripheral signalling involved in energy homeostasis control. <i>Nutrition Research Reviews</i> , 2012 , 25, 223-48		45
101	Clinical usefulness of a new equation for estimating body fat. <i>Diabetes Care</i> , 2012 , 35, 383-8	14.6	119
100	Identification of liver proteins altered by type 2 diabetes mellitus in obese subjects. <i>Liver International</i> , 2012 , 32, 951-61	7.9	37

99	Obesity and prostate cancer: gene expression signature of human periprostatic adipose tissue. <i>BMC Medicine</i> , 2012 , 10, 108	11.4	56
98	Short-term effects of sleeve gastrectomy and caloric restriction on blood pressure in diet-induced obese rats. <i>Obesity Surgery</i> , 2012 , 22, 1481-90	3.7	34
97	Comment on Short-Term Effects of Sleeve Gastrectomy and Caloric Restriction on Blood Pressure in Diet-Induced Obese Rats <i>Obesity Surgery</i> , 2012 , 22, 1786-1787	3.7	
96	Differential insulin receptor substrate-1 (IRS1)-related modulation of neuropeptide Y and proopiomelanocortin expression in nondiabetic and diabetic IRS2 ^{-/-} mice. <i>Endocrinology</i> , 2012 , 153, 1129-40	4.8	15
95	The ghrelin O-acyltransferase-ghrelin system reduces TNF- α -induced apoptosis and autophagy in human visceral adipocytes. <i>Diabetologia</i> , 2012 , 55, 3038-50	10.3	68
94	Short- and long-term changes in gastric morphology and histopathology following sleeve gastrectomy in diet-induced obese rats. <i>Obesity Surgery</i> , 2012 , 22, 634-40	3.7	15
93	Body mass index classification misses subjects with increased cardiometabolic risk factors related to elevated adiposity. <i>International Journal of Obesity</i> , 2012 , 36, 286-94	5.5	329
92	Transcriptional analysis of brown adipose tissue in leptin-deficient mice lacking inducible nitric oxide synthase: evidence of the role of Med1 in energy balance. <i>Physiological Genomics</i> , 2012 , 44, 678-88 ^{3,6}	3.6	15
91	Increased tenascin C and Toll-like receptor 4 levels in visceral adipose tissue as a link between inflammation and extracellular matrix remodeling in obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1880-9	5.6	50
90	Leptin reduces the expression and increases the phosphorylation of the negative regulators of GLUT4 traffic TBC1D1 and TBC1D4 in muscle of ob/ob mice. <i>PLoS ONE</i> , 2012 , 7, e29389	3.7	22
89	Executive functions profile in extreme eating/weight conditions: from anorexia nervosa to obesity. <i>PLoS ONE</i> , 2012 , 7, e43382	3.7	141
88	Role of extracellular matrix remodelling in adipose tissue pathophysiology: relevance in the development of obesity. <i>Histology and Histopathology</i> , 2012 , 27, 1515-28	1.4	48
87	Increased levels of calprotectin in obesity are related to macrophage content: impact on inflammation and effect of weight loss. <i>Molecular Medicine</i> , 2011 , 17, 1157-67	6.2	77
86	Body adiposity and type 2 diabetes: increased risk with a high body fat percentage even having a normal BMI. <i>Obesity</i> , 2011 , 19, 1439-44	8	156
85	Expression profile in omental and subcutaneous adipose tissue from lean and obese subjects. Repression of lipolytic and lipogenic genes. <i>Obesity Surgery</i> , 2011 , 21, 633-43	3.7	21
84	Sleeve gastrectomy induces weight loss in diet-induced obese rats even if high-fat feeding is continued. <i>Obesity Surgery</i> , 2011 , 21, 1438-43	3.7	16
83	Association of increased visfatin/PBEF/NAMPT circulating concentrations and gene expression levels in peripheral blood cells with lipid metabolism and fatty liver in human morbid obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011 , 21, 245-53	4.5	42
82	Up-regulation of the novel proinflammatory adipokines lipocalin-2, chitinase-3 like-1 and osteopontin as well as angiogenic-related factors in visceral adipose tissue of patients with colon cancer. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 634-41	6.3	46

81	Increased circulating and visceral adipose tissue expression levels of YKL-40 in obesity-associated type 2 diabetes are related to inflammation: impact of conventional weight loss and gastric bypass. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 200-9	5.6	58
80	Aquaglyceroporins serve as metabolic gateways in adiposity and insulin resistance control. <i>Cell Cycle</i> , 2011 , 10, 1548-56	4.7	103
79	Insulin- and leptin-mediated control of aquaglyceroporins in human adipocytes and hepatocytes is mediated via the PI3K/Akt/mTOR signaling cascade. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E586-97	5.6	160
78	The gene expression of the main lipogenic enzymes is downregulated in visceral adipose tissue of obese subjects. <i>Obesity</i> , 2010 , 18, 13-20	8	84
77	IPO8 and FBXL10: new reference genes for gene expression studies in human adipose tissue. <i>Obesity</i> , 2010 , 18, 897-903	8	29
76	Complement factor H is expressed in adipose tissue in association with insulin resistance. <i>Diabetes</i> , 2010 , 59, 200-9	0.9	74
75	Leptin administration downregulates the increased expression levels of genes related to oxidative stress and inflammation in the skeletal muscle of ob/ob mice. <i>Mediators of Inflammation</i> , 2010 , 2010, 784343	4.3	29
74	Leptin inhibits the proliferation of vascular smooth muscle cells induced by angiotensin II through nitric oxide-dependent mechanisms. <i>Mediators of Inflammation</i> , 2010 , 2010, 105489	4.3	36
73	Study of caveolin-1 gene expression in whole adipose tissue and its subfractions and during differentiation of human adipocytes. <i>Nutrition and Metabolism</i> , 2010 , 7, 20	4.6	25
72	Association of plasma acylated ghrelin with blood pressure and left ventricular mass in patients with metabolic syndrome. <i>Journal of Hypertension</i> , 2010 , 28, 560-7	1.9	34
71	Circulating osteocalcin concentrations are associated with parameters of liver fat infiltration and increase in parallel to decreased liver enzymes after weight loss. <i>Osteoporosis International</i> , 2010 , 21, 2101-7	5.3	24
70	Circulating omentin concentration increases after weight loss. <i>Nutrition and Metabolism</i> , 2010 , 7, 27	4.6	151
69	Involvement of serum vascular endothelial growth factor family members in the development of obesity in mice and humans. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 774-80	6.3	57
68	Deletion of inducible nitric-oxide synthase in leptin-deficient mice improves brown adipose tissue function. <i>PLoS ONE</i> , 2010 , 5, e10962	3.7	40
67	Leptin administration favors muscle mass accretion by decreasing FoxO3a and increasing PGC-1alpha in ob/ob mice. <i>PLoS ONE</i> , 2009 , 4, e6808	3.7	103
66	RIP140 gene and protein expression levels are downregulated in visceral adipose tissue in human morbid obesity. <i>Obesity Surgery</i> , 2009 , 19, 771-6	3.7	11
65	Increased adipose tissue expression of lipocalin-2 in obesity is related to inflammation and matrix metalloproteinase-2 and metalloproteinase-9 activities in humans. <i>Journal of Molecular Medicine</i> , 2009 , 87, 803-13	5.5	139
64	Acylated and desacyl ghrelin stimulate lipid accumulation in human visceral adipocytes. <i>International Journal of Obesity</i> , 2009 , 33, 541-52	5.5	159

63	The relationship of serum osteocalcin concentration to insulin secretion, sensitivity, and disposal with hypocaloric diet and resistance training. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 237-45	5.6	223
62	Adipokines in the treatment of diabetes mellitus and obesity. <i>Expert Opinion on Pharmacotherapy</i> , 2009 , 10, 239-54	4	41
61	The adipo-hepato-insular axis in glucose homeostasis. 2009 , 163-193		1
60	Serum retinol-binding protein 4 is not increased in obesity or obesity-associated type 2 diabetes mellitus, but is reduced after relevant reductions in body fat following gastric bypass. <i>Clinical Endocrinology</i> , 2008 , 69, 208-15	3.4	56
59	Serum Amyloid A concentration is increased in obese children and adolescents. <i>Journal of Pediatrics</i> , 2008 , 153, 71-5	3.6	17
58	Vasodilator effect of ghrelin in the rat aorta. <i>Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion</i> , 2008 , 55, 448-53		4
57	Impaired adiponectin-AMPK signalling in insulin-sensitive tissues of hypertensive rats. <i>Life Sciences</i> , 2008 , 83, 540-9	6.8	42
56	Expression of caveolin-1 in human adipose tissue is upregulated in obesity and obesity-associated type 2 diabetes mellitus and related to inflammation. <i>Clinical Endocrinology</i> , 2008 , 68, 213-9	3.4	69
55	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
54	The bone-adipose axis in obesity and weight loss. <i>Obesity Surgery</i> , 2008 , 18, 1134-43	3.7	110
53	The obestatin receptor (GPR39) is expressed in human adipose tissue and is down-regulated in obesity-associated type 2 diabetes mellitus. <i>Clinical Endocrinology</i> , 2007 , 66, 598-601	3.4	26
52	Influence of waist circumference on the metabolic risk associated with impaired fasting glucose: effect of weight loss after gastric bypass. <i>Obesity Surgery</i> , 2007 , 17, 585-91	3.7	17
51	Proinflammatory cytokines in obesity: impact of type 2 diabetes mellitus and gastric bypass. <i>Obesity Surgery</i> , 2007 , 17, 1464-74	3.7	137
50	Visceral and subcutaneous adiposity: are both potential therapeutic targets for tackling the metabolic syndrome?. <i>Current Pharmaceutical Design</i> , 2007 , 13, 2169-75	3.3	104
49	Plasma osteopontin levels and expression in adipose tissue are increased in obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 3719-27	5.6	152
48	Validation of endogenous control genes in human adipose tissue: relevance to obesity and obesity-associated type 2 diabetes mellitus. <i>Hormone and Metabolic Research</i> , 2007 , 39, 495-500	3.1	87
47	Expression of leptin and adiponectin in the rat oviduct. <i>Journal of Histochemistry and Cytochemistry</i> , 2007 , 55, 1027-37	3.4	30
46	Unlocking the molecular basis of obesity. <i>Future Lipidology</i> , 2007 , 2, 577-581		4

45	The inhibitory effect of leptin on angiotensin II-induced vasoconstriction in vascular smooth muscle cells is mediated via a nitric oxide-dependent mechanism. <i>Endocrinology</i> , 2007 , 148, 324-31	4.8	100
44	Role of aquaporin-7 in the pathophysiological control of fat accumulation in mice. <i>FEBS Letters</i> , 2006 , 580, 4771-6	3.8	57
43	Distinct impaired regulation of SOCS3 and long and short isoforms of the leptin receptor in visceral and subcutaneous fat of lean and obese women. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 348, 1232-8	3.4	22
42	Aquaporin-7 and glycerol permeability as novel obesity drug-target pathways. <i>Trends in Pharmacological Sciences</i> , 2006 , 27, 345-7	13.2	45
41	Increased cardiovascular risk markers in obesity are associated with body adiposity: role of leptin. <i>Thrombosis and Haemostasis</i> , 2006 , 95, 991-6	7	39
40	The inhibitory effect of leptin on angiotensin II-induced vasoconstriction is blunted in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2006 , 24, 1589-97	1.9	32
39	Increased serum amyloid A concentrations in morbid obesity decrease after gastric bypass. <i>Obesity Surgery</i> , 2006 , 16, 262-9	3.7	77
38	Evidence for the involvement of resistin in inflammation and cardiovascular disease. <i>Current Diabetes Reviews</i> , 2005 , 1, 227-34	2.7	25
37	ADIPOSE TISSUE 2005 , 1-14		3
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