

Amaia Rodriguez

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3439468/amaia-rodriguez-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

154 papers	6,454 citations	47 h-index	74 g-index
161 ext. papers	7,733 ext. citations	5.6 avg, IF	5.72 L-index

#	Paper	IF	Citations
154	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
153	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
152	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
151	Time to Consider the "Exposome Hypothesis" in the Development of the Obesity Pandemic.. <i>Nutrients</i> , 2022 , 14,	6.7	3
150	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
149	Adipose tissue knockdown of lysozyme reduces local inflammation and improves adipogenesis in high-fat diet-fed mice. <i>Pharmacological Research</i> , 2021 , 166, 105486	10.2	2
148	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
147	NLRP3 inflammasome blockade reduces adipose tissue inflammation and extracellular matrix remodeling. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1045-1057	15.4	30
146	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. <i>Nature Communications</i> , 2021 , 12, 5068	17.4	5
145	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
144	Adipose tissue depot differences in adipokines and effects on skeletal and cardiac muscle. <i>Current Opinion in Pharmacology</i> , 2020 , 52, 1-8	5.1	17
143	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
142	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
141	Impact of adipokines and myokines on fat browning. <i>Journal of Physiology and Biochemistry</i> , 2020 , 76, 227-240	5	8
140	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
139	Aquaporin-7 and aquaporin-12 modulate the inflammatory phenotype of endocrine pancreatic beta-cells. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 691, 108481	4.1	9
138	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

137	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
136	Functional Relationship between Leptin and Nitric Oxide in Metabolism. <i>Nutrients</i> , 2019 , 11,	6.7	25
135	Associations between neuropsychological performance and appetite-regulating hormones in anorexia nervosa and healthy controls: Ghrelin's putative role as a mediator of decision-making. <i>Molecular and Cellular Endocrinology</i> , 2019 , 497, 110441	4.4	15
134	Reduced Plasma Orexin-A Concentrations are Associated with Cognitive Deficits in Anorexia Nervosa. <i>Scientific Reports</i> , 2019 , 9, 7910	4.9	15
133	Gene Ablation Prevents Liver Fibrosis in Leptin-Deficient Mice. <i>Genes</i> , 2019 , 10,	4.2	6
132	Adiponectin-leptin Ratio is a Functional Biomarker of Adipose Tissue Inflammation. <i>Nutrients</i> , 2019 , 11,	6.7	60
131	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
130	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
129	Circulating Concentrations of GDF11 are Positively Associated with TSH Levels in Humans. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
128	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
127	Effects of Diets on Adipose Tissue. <i>Current Medicinal Chemistry</i> , 2019 , 26, 3593-3612	4.3	2
126	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
125	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
124	Epigenome-wide DNA methylation profiling of periprostatic adipose tissue in prostate cancer patients with excess adiposity-a pilot study. <i>Clinical Epigenetics</i> , 2018 , 10, 54	7.7	12
123	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
122	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
121	Adipokine dysregulation and adipose tissue inflammation in human obesity. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e12997	4.6	203
120	Pancreatic Aquaporin-7: A Novel Target for Anti-diabetic Drugs?. <i>Frontiers in Chemistry</i> , 2018 , 6, 99	5	12

119	Increased Small Intestine Expression of Non-Heme Iron Transporters in Morbidly Obese Patients With Newly Diagnosed Type 2 Diabetes. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700301	5.9	0
118	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
117	The caveolae-associated coiled-coil protein, NECC2, regulates insulin signalling in Adipocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 5648-5661	5.6	6
116	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
115	Crosstalk between adipokines and myokines in fat browning. <i>Acta Physiologica</i> , 2017 , 219, 362-381	5.6	111
114	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
113	HMOX1 as a marker of iron excess-induced adipose tissue dysfunction, affecting glucose uptake and respiratory capacity in human adipocytes. <i>Diabetologia</i> , 2017 , 60, 915-926	10.3	24
112	Fibroblast growth factor 15/19 (FGF15/19) protects from diet-induced hepatic steatosis: development of an FGF19-based chimeric molecule to promote fatty liver regeneration. <i>Gut</i> , 2017 , 66, 1818-1828	19.2	86
111	Impact of physical exercise on visceral adipose tissue fatty acid profile and inflammation in response to a high-fat diet regimen. <i>International Journal of Biochemistry and Cell Biology</i> , 2017 , 87, 114-124	5.6	31
110	IL-32-induced inflammation constitutes a link between obesity and colon cancer. <i>Oncotarget</i> , 2017 , 6, e1328338	7.2	20
109	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
108	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
107	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
106	Ghrelin and autophagy. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017 , 20, 402-408	3.8	17
105	Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity. <i>Obesity</i> , 2017 , 25, 1723-1733	8	13
104	Increased adipose tissue heme levels and exportation are associated with altered systemic glucose metabolism. <i>Scientific Reports</i> , 2017 , 7, 5305	4.9	6
103	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
102	Mitochondria-related transcriptional signature is downregulated in adipocytes in obesity: a study of young healthy MZ twins. <i>Diabetologia</i> , 2017 , 60, 169-181	10.3	39

101	The cytoskeletal protein septin 11 is associated with human obesity and is involved in adipocyte lipid storage and metabolism. <i>Diabetologia</i> , 2017 , 60, 324-335	10.3	15
100	Physical exercise remodels visceral adipose tissue and mitochondrial lipid metabolism in rats fed a high-fat diet. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017 , 44, 386-394	3	21
99	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
98	Enduring Changes in Decision Making in Patients with Full Remission from Anorexia Nervosa. <i>European Eating Disorders Review</i> , 2016 , 24, 523-527	5.3	21
97	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
96	Modulation of Irisin and Physical Activity on Executive Functions in Obesity and Morbid obesity. <i>Scientific Reports</i> , 2016 , 6, 30820	4.9	18
95	Interaction Between Orexin-A and Sleep Quality in Females in Extreme Weight Conditions. <i>European Eating Disorders Review</i> , 2016 , 24, 510-517	5.3	8
94	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
93	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
92	Orexin and sleep quality in anorexia nervosa: Clinical relevance and influence on treatment outcome. <i>Psychoneuroendocrinology</i> , 2016 , 65, 102-8	5	26
91	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
90	Decision Making Impairment: A Shared Vulnerability in Obesity, Gambling Disorder and Substance Use Disorders?. <i>PLoS ONE</i> , 2016 , 11, e0163901	3.7	25
89	Genetic variations of the bitter taste receptor TAS2R38 are associated with obesity and impact on single immune traits. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1673-83	5.9	28
88	Acylated and desacyl ghrelin are associated with hepatic lipogenesis, Oxidation and autophagy: role in NAFLD amelioration after sleeve gastrectomy in obese rats. <i>Scientific Reports</i> , 2016 , 6, 39942	4.9	34
87	Guanylin and uroguanylin stimulate lipolysis in human visceral adipocytes. <i>International Journal of Obesity</i> , 2016 , 40, 1405-15	5.5	29
86	Effects of physical exercise on myokines expression and brown adipose-like phenotype modulation in rats fed a high-fat diet. <i>Life Sciences</i> , 2016 , 165, 100-108	6.8	45
85	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
84	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

83	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
82	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
81	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
80	Revisiting the adipocyte: a model for integration of cytokine signaling in the regulation of energy metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E691-714	6	155
79	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
78	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
77	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
76	Sexual Dimorphism of Adipose and Hepatic Aquaglyceroporins in Health and Metabolic Disorders. <i>Frontiers in Endocrinology</i> , 2015 , 6, 171	5.7	35
75	Cross-Talk between Autophagy and Apoptosis in Adipose Tissue: Role of Ghrelin 2015 , 121-131		
74	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
73	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
72	Adipocyte morphology and implications for metabolic derangements in acquired obesity. <i>International Journal of Obesity</i> , 2014 , 38, 1423-31	5.5	64
71	Alarmin high-mobility group B1 (HMGB1) is regulated in human adipocytes in insulin resistance and influences insulin secretion in β cells. <i>International Journal of Obesity</i> , 2014 , 38, 1545-54	5.5	56
70	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
69	Role of aquaglyceroporins and caveolins in energy and metabolic homeostasis. <i>Molecular and Cellular Endocrinology</i> , 2014 , 397, 78-92	4.4	43
68	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
67	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
66	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

65	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
64	Reduced hepatic aquaporin-9 and glycerol permeability are related to insulin resistance in non-alcoholic fatty liver disease. <i>International Journal of Obesity</i> , 2014 , 38, 1213-20	5.5	53
63	Regulation of adipocyte lipolysis. <i>Nutrition Research Reviews</i> , 2014 , 27, 63-93	7	245
62	Mechanisms linking excess adiposity and carcinogenesis promotion. <i>Frontiers in Endocrinology</i> , 2014 , 5, 65	5.7	74
61	Novel molecular aspects of ghrelin and leptin in the control of adipobiology and the cardiovascular system. <i>Obesity Facts</i> , 2014 , 7, 82-95	5.1	33
60	Characterising metabolically healthy obesity in weight-discordant monozygotic twins. <i>Diabetologia</i> , 2014 , 57, 167-76	10.3	104
59	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
58	Adipopharmacology of inflammation and insulin resistance. <i>Biomedical Reviews</i> , 2014 , 17, 43	4	3
57	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
56	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
55	Metabolism and satiety 2013 , 75-111		1
54	Adipose tissue immunity and cancer. <i>Frontiers in Physiology</i> , 2013 , 4, 275	4.6	84
53	Liver glycerol permeability and aquaporin-9 are dysregulated in a murine model of Non-Alcoholic Fatty Liver Disease. <i>PLoS ONE</i> , 2013 , 8, e78139	3.7	37
52	Sleeve gastrectomy reduces blood pressure in obese (fa/fa) Zucker rats. <i>Obesity Surgery</i> , 2012 , 22, 309-15	3.7	14
51	Clinical usefulness of a new equation for estimating body fat. <i>Diabetes Care</i> , 2012 , 35, 383-8	14.6	119
50	Identification of liver proteins altered by type 2 diabetes mellitus in obese subjects. <i>Liver International</i> , 2012 , 32, 951-61	7.9	37
49	Obesity and prostate cancer: gene expression signature of human periprostatic adipose tissue. <i>BMC Medicine</i> , 2012 , 10, 108	11.4	56
48	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

47	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	
46	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
45	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
44	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	15
43	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
42	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
41	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
40	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
39	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
38	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
37	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
36	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
35	Aquaglyceroporins serve as metabolic gateways in adiposity and insulin resistance control. <i>Cell Cycle</i> , 2011 , 10, 1548-56	4.7	103
34	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
33	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
32	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
31	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
30	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

29	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
28	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
27	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
26	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
25	Acylated and desacyl ghrelin stimulate lipid accumulation in human visceral adipocytes. <i>International Journal of Obesity</i> , 2009 , 33, 541-52	5.5	159
24	Adipokines in the treatment of diabetes mellitus and obesity. <i>Expert Opinion on Pharmacotherapy</i> , 2009 , 10, 239-54	4	41
23	Peptides involved in vascular homeostasis. 2009 , 229-261		
22	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
21	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
20	Impaired adiponectin-AMPK signalling in insulin-sensitive tissues of hypertensive rats. <i>Life Sciences</i> , 2008 , 83, 540-9	6.8	42
19	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
18	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
17	The bone-adipose axis in obesity and weight loss. <i>Obesity Surgery</i> , 2008 , 18, 1134-43	3.7	110
16	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
15	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
14	Proinflammatory cytokines in obesity: impact of type 2 diabetes mellitus and gastric bypass. <i>Obesity Surgery</i> , 2007 , 17, 1464-74	3.7	137
13	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
12	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

11	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
10	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
9	Role of aquaporin-7 in the pathophysiological control of fat accumulation in mice. <i>FEBS Letters</i> , 2006 , 580, 4771-6	3.8	57
8	Aquaporin-7 and glycerol permeability as novel obesity drug-target pathways. <i>Trends in Pharmacological Sciences</i> , 2006 , 27, 345-7	13.2	45
7	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
6	Increased serum amyloid A concentrations in morbid obesity decrease after gastric bypass. <i>Obesity Surgery</i> , 2006 , 16, 262-9	3.7	77
5	HOMA, QUICKI and MFFm to measure insulin resistance in morbid obesity. <i>Obesity Surgery</i> , 2006 , 16, 549-53	3.7	18
4	Reduced adipose tissue mass and hypoleptinemia in iNOS deficient mice: effect of LPS on plasma leptin and adiponectin concentrations. <i>FEBS Letters</i> , 2004 , 577, 351-6	3.8	24
3	ANGIOTENSIN II-INDUCED PROLIFERATION IS DECREASED IN THE PRESENCE OF LEPTIN ON WISTAR RAT AORTA. <i>Journal of Hypertension</i> , 2004 , 22, S335	1.9	
2	Adipose tissue as an endocrine organ: role of leptin and adiponectin in the pathogenesis of cardiovascular diseases. <i>Journal of Physiology and Biochemistry</i> , 2003 , 59, 51-60	5	92
1	Leptin inhibits angiotensin II-induced intracellular calcium increase and vasoconstriction in the rat aorta. <i>Endocrinology</i> , 2002 , 143, 3555-60	4.8	76