Jos Mara Moreno-Navarrete

List of Publications by Year in Descending Order

179 papers	7,150 citations	44 h-index	78 g-index
188 ext. papers	8,561 ext. citations	7.3 avg, IF	5.7 L-index

#	Paper	IF	Citations
179	Specific adipose tissue gene knockdown prevents diet-induced body weight gain, impacting fat accretion-related gene and protein expression.. *Molecular Therapy - Nucleic Acids*, **2022**, 27, 870-879	10.7	1
178	ITCH E3 Ubiquitin Ligase downregulation compromises hepatic degradation of branched-chain amino acids.. *Molecular Metabolism*, **2022**, 101454	8.8	0
177	Caudovirales bacteriophages are associated with improved executive function and memory in flies, mice, and humans.. *Cell Host and Microbe*, **2022**,	23.4	4
176	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance.. *Nature Metabolism*, **2022**, 4, 476-494	14.6	1
175	Microbiota alterations in proline metabolism impact depression.. *Cell Metabolism*, **2022**, 34, 681-701.e10	24.6	7
174	Gremlin 2 could explain the reduced capacity of browning of visceral adipose tissue.. *EBioMedicine*, **2022**, 80, 104046	8.8	
173	Downregulation of peripheral lipopolysaccharide binding protein impacts on perigonadal adipose tissue only in female mice. *Biomedicine and Pharmacotherapy*, **2022**, 151, 113156	7.5	0
172	The Combined Partial Knockdown of CBS and MPST Genes Induces Inflammation, Impairs Adipocyte Function-Related Gene Expression and Disrupts Protein Persulfidation in Human Adipocytes. *Antioxidants*, **2022**, 11, 1095	7.1	1
171	Lipidomics and metabolomics signatures of SARS-CoV-2 mediators/receptors in peripheral leukocytes, jejunum and colon. *Computational and Structural Biotechnology Journal*, **2021**, 19, 6080-6089	6.8	1
170	Adipose tissue knockdown of lysozyme reduces local inflammation and improves adipogenesis in high-fat diet-fed mice. *Pharmacological Research*, **2021**, 166, 105486	10.2	2
169	The Impact of HS on Obesity-Associated Metabolic Disturbances. *Antioxidants*, **2021**, 10,	7.1	6
168	Comparison of Outcomes between Obese and Nonobese Patients in Laparoscopic Adrenalectomy: A Cohort Study. *Digestive Surgery*, **2021**, 38, 237-246	2.5	1
167	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. *Microbiome*, **2021**, 9, 104	16.6	15
166	Regulation of adipogenic differentiation and adipose tissue inflammation by interferon regulatory factor 3. *Cell Death and Differentiation*, **2021**, 28, 3022-3035	12.7	3
165	Cecal Ligation and Puncture-Induced Sepsis Promotes Brown Adipose Tissue Inflammation Without Any Impact on Expression of Thermogenic-Related Genes. *Frontiers in Physiology*, **2021**, 12, 692618	4.6	
164	Permanent cystathionine-β-Synthase gene knockdown promotes inflammation and oxidative stress in immortalized human adipose-derived mesenchymal stem cells, enhancing their adipogenic capacity. *Redox Biology*, **2021**, 42, 101668	11.3	6
163	Morbidly obese subjects show increased serum sulfide in proportion to fat mass. *International Journal of Obesity*, **2021**, 45, 415-426	5.5	6

162	Lysozyme is a component of the innate immune system linked to obesity associated-chronic low-grade inflammation and altered glucose tolerance. *Clinical Nutrition*, **2021**, 40, 1420-1429	5.9	6
161	FGF15/19 is required for adipose tissue plasticity in response to thermogenic adaptations. *Molecular Metabolism*, **2021**, 43, 101113	8.8	6
160	Activation of Endogenous HS Biosynthesis or Supplementation with Exogenous HS Enhances Adipose Tissue Adipogenesis and Preserves Adipocyte Physiology in Humans. *Antioxidants and Redox Signaling*, **2021**, 35, 319-340	8.4	8
159	A microRNA Cluster Controls Fat Cell Differentiation and Adipose Tissue Expansion By Regulating SNCG.. *Advanced Science*, **2021**, e2104759	13.6	2
158	Compounds that modulate AMPK activity and hepatic steatosis impact the biosynthesis of microRNAs required to maintain lipid homeostasis in hepatocytes. *EBioMedicine*, **2020**, 53, 102697	8.8	13
157	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. *Cell Metabolism*, **2020**, 32, 548-560.e7	24.6	27
156	Comparative and functional analysis of plasma membrane-derived extracellular vesicles from obese vs. nonobese women. *Clinical Nutrition*, **2020**, 39, 1067-1076	5.9	10
155	Central nicotine induces browning through hypothalamic δ-opioid receptor. *Nature Communications*, **2019**, 10, 4037	17.4	17
154	Adipose Tissue Expansion by Overfeeding Healthy Men Alters Iron Gene Expression. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 688-696	5.6	3
153	Cytoskeletal transgelin 2 contributes to gender-dependent adipose tissue expandability and immune function. *FASEB Journal*, **2019**, 33, 9656-9671	0.9	1
152	Hydrogen sulfide impacts on inflammation-induced adipocyte dysfunction. *Food and Chemical Toxicology*, **2019**, 131, 110543	4.7	8
151	Glutamate interactions with obesity, insulin resistance, cognition and gut microbiota composition. *Acta Diabetologica*, **2019**, 56, 569-579	3.9	20
150	Neuregulin 4 Is a Novel Marker of Beige Adipocyte Precursor Cells in Human Adipose Tissue. *Frontiers in Physiology*, **2019**, 10, 39	4.6	12
149	Circulating Irisin and Myostatin as Markers of Muscle Strength and Physical Condition in Elderly Subjects. *Frontiers in Physiology*, **2019**, 10, 871	4.6	24
148	The gut microbiota modulates both browning of white adipose tissue and the activity of brown adipose tissue. *Reviews in Endocrine and Metabolic Disorders*, **2019**, 20, 387-397	10.5	30
147	Adipose tissue TSH as a new modulator of human adipocyte mitochondrial function. *International Journal of Obesity*, **2019**, 43, 1611-1619	5.5	7
146	The Microbiota and Energy Balance. *Endocrinology*, **2019**, 109-126	0.1	
145	The complement system is dysfunctional in metabolic disease: Evidences in plasma and adipose tissue from obese and insulin resistant subjects. *Seminars in Cell and Developmental Biology*, **2019**, 85, 164-172	7.5	32

144	Iron influences on the Gut-Brain axis and development of type 2 diabetes. *Critical Reviews in Food Science and Nutrition*, **2019**, 59, 443-449	11.5	7
143	An Epigenetic Signature in Adipose Tissue Is Linked to Nicotinamide N-Methyltransferase Gene Expression. *Molecular Nutrition and Food Research*, **2018**, 62, e1700933	5.9	14
142	TP53INP2 regulates adiposity by activating β-catenin through autophagy-dependent sequestration of GSK3. *Nature Cell Biology*, **2018**, 20, 443-454	23.4	33
141	Plasma ANGPTL-4 is Associated with Obesity and Glucose Tolerance: Cross-Sectional and Longitudinal Findings. *Molecular Nutrition and Food Research*, **2018**, 62, e1800060	5.9	20
140	Obesity status influences the relationship among serum osteocalcin, iron stores and insulin sensitivity. *Clinical Nutrition*, **2018**, 37, 2091-2096	5.9	0
139	Peroxisome Proliferator-Activated Receptor δ Controls the Rate of Adipose Tissue Lipid Storage and Determines Metabolic Flexibility. *Cell Reports*, **2018**, 24, 2005-2012.e7	10.6	24
138	The Microbiota and Energy Balance. *Endocrinology*, **2018**, 1-18	0.1	
137	Increased Small Intestine Expression of Non-Heme Iron Transporters in Morbidly Obese Patients With Newly Diagnosed Type 2 Diabetes. *Molecular Nutrition and Food Research*, **2018**, 62, 1700301	5.9	0
136	Gut Microbiota Interacts with Markers of Adipose Tissue Browning, Insulin Action and Plasma Acetate in Morbid Obesity. *Molecular Nutrition and Food Research*, **2018**, 62, 1700721	5.9	46
135	Decreased TLR3 in Hyperplastic Adipose Tissue, Blood and Inflamed Adipocytes is Related to Metabolic Inflammation. *Cellular Physiology and Biochemistry*, **2018**, 51, 1051-1068	3.9	10
134	Adipose TSHB in Humans and Serum TSH in Hypothyroid Rats Inform About Cellular Senescence. *Cellular Physiology and Biochemistry*, **2018**, 51, 142-153	3.9	5
133	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. *Nature Medicine*, **2018**, 24, 1113-1120	50.5	121
132	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. *Nature Medicine*, **2018**, 24, 1070-1080	50.5	276
131	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. *European Journal of Endocrinology*, **2017**, 176, 393-404	6.5	14
130	Decreased lipid metabolism but increased FA biosynthesis are coupled with changes in liver microRNAs in obese subjects with NAFLD. *International Journal of Obesity*, **2017**, 41, 620-630	5.5	73
129	HMOX1 as a marker of iron excess-induced adipose tissue dysfunction, affecting glucose uptake and respiratory capacity in human adipocytes. *Diabetologia*, **2017**, 60, 915-926	10.3	24
128	Thyroid hormones induce browning of white fat. *Journal of Endocrinology*, **2017**, 232, 351-362	4.7	96
127	The Gut Metagenome Changes in Parallel to Waist Circumference, Brain Iron Deposition, and Cognitive Function. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2962-2973	5.6	31

126	Adipocyte lipopolysaccharide binding protein (LBP) is linked to a specific lipidomic signature. *Obesity*, **2017**, 25, 391-400	8	6
125	Ferroportin mRNA is down-regulated in granulosa and cervical cells from infertile women. *Fertility and Sterility*, **2017**, 107, 236-242	4.8	1
124	Adipose tissue and serum CCDC80 in obesity and its association with related metabolic disease. *Molecular Medicine*, **2017**, 23, 225-234	6.2	7
123	The Microbiota and Energy Balanc. *Endocrinology*, **2017**, 1-18	0.1	
122	Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity. *Obesity*, **2017**, 25, 1723-1733	8	13
121	Increased adipose tissue heme levels and exportation are associated with altered systemic glucose metabolism. *Scientific Reports*, **2017**, 7, 5305	4.9	6
120	mRNA is linked to cholesterol metabolism in adipose tissue. *FASEB Journal*, **2017**, 31, 4482-4491	0.9	10
119	Neuroinflammation in obesity: circulating lipopolysaccharide-binding protein associates with brain structure and cognitive performance. *International Journal of Obesity*, **2017**, 41, 1627-1635	5.5	20
118	Hepatic iron content is independently associated with serum hepcidin levels in subjects with obesity. *Clinical Nutrition*, **2017**, 36, 1434-1439	5.9	19
117	Nicotinamide N-methyltransferase expression decreases in iron overload, exacerbating toxicity in mouse hepatocytes. *Hepatology Communications*, **2017**, 1, 803-815	6	2
116	Adipocyte Differentiation **2017**, 69-90		9
115	Role of Mitochondrial Complex IV in Age-Dependent Obesity. *Cell Reports*, **2016**, 16, 2991-3002	10.6	36
114	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. *Nature Medicine*, **2016**, 22, 771-9	50.5	33
113	Lipopolysaccharide-binding protein is a negative regulator of adipose tissue browning in mice and humans. *Diabetologia*, **2016**, 59, 2208-18	10.3	31
112	Obesity Is Associated With Gene Expression and Imaging Markers of Iron Accumulation in Skeletal Muscle. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 1282-9	5.6	18
111	Metabolomics uncovers the role of adipose tissue PDXK in adipogenesis and systemic insulin sensitivity. *Diabetologia*, **2016**, 59, 822-32	10.3	15
110	Genetic variations of the bitter taste receptor TAS2R38 are associated with obesity and impact on single immune traits. *Molecular Nutrition and Food Research*, **2016**, 60, 1673-83	5.9	28
109	Adipose tissue R2* signal is increased in subjects with obesity: A preliminary MRI study. *Obesity*, **2016**, 24, 352-8	8	6

108	Contrasting association of circulating sCD14 with insulin sensitivity in non-obese and morbidly obese subjects. *Molecular Nutrition and Food Research*, **2016**, 60, 103-9	5.9	7
107	Genome-wide DNA methylation pattern in visceral adipose tissue differentiates insulin-resistant from insulin-sensitive obese subjects. *Translational Research*, **2016**, 178, 13-24.e5	11	50
106	CISD1 in association with obesity-associated dysfunctional adipogenesis in human visceral adipose tissue. *Obesity*, **2016**, 24, 139-47	8	16
105	DBC1 is involved in adipocyte inflammation and is a possible marker of human adipose tissue senescence. *Obesity*, **2015**, 23, 519-22	8	14
104	Lipopolysaccharide binding protein is an adipokine involved in the resilience of the mouse adipocyte to inflammation. *Diabetologia*, **2015**, 58, 2424-34	10.3	25
103	PRDM16 sustains white fat gene expression profile in human adipocytes in direct relation with insulin action. *Molecular and Cellular Endocrinology*, **2015**, 405, 84-93	4.4	9
102	Circulating profiling reveals the effect of a polyunsaturated fatty acid-enriched diet on common microRNAs. *Journal of Nutritional Biochemistry*, **2015**, 26, 1095-101	6.3	57
101	Nicotinamide N-methyltransferase regulates hepatic nutrient metabolism through Sirt1 protein stabilization. *Nature Medicine*, **2015**, 21, 887-94	50.5	129
100	Transducin-like enhancer of split 3 (TLE3) in adipose tissue is increased in situations characterized by decreased PPARγ gene expression. *Journal of Molecular Medicine*, **2015**, 93, 83-92	5.5	5
99	Cytosolic aconitase activity sustains adipogenic capacity of adipose tissue connecting iron metabolism and adipogenesis. *FASEB Journal*, **2015**, 29, 1529-39	0.9	18
98	Lean mass, and not fat mass, is an independent determinant of carotid intima media thickness in obese subjects. *Atherosclerosis*, **2015**, 243, 493-8	3.1	20
97	Surgery-Induced Weight Loss Is Associated With the Downregulation of Genes Targeted by MicroRNAs in Adipose Tissue. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E1467-76	5.6	35
96	Circulating hepcidin is independently associated with systolic blood pressure in apparently healthy individuals. *Archives of Medical Research*, **2015**, 46, 507-13	6.6	4
95	Adipocyte pseudohypoxia suppresses lipolysis and facilitates benign adipose tissue expansion. *Diabetes*, **2015**, 64, 733-45	0.9	33
94	Circulating irisin levels and coronary heart disease: association with future acute coronary syndrome and major adverse cardiovascular events. *International Journal of Obesity*, **2015**, 39, 156-61	5.5	70
93	Soluble TNFα receptor 1 as a predictor of coronary calcifications in patients after long-term cure of Cushing's syndrome. *Pituitary*, **2015**, 18, 135-41	4.3	3
92	Inflammation triggers specific microRNA profiles in human adipocytes and macrophages and in their supernatants. *Clinical Epigenetics*, **2015**, 7, 49	7.7	71
91	Circulating hepcidin in type 2 diabetes: A multivariate analysis and double blind evaluation of metformin effects. *Molecular Nutrition and Food Research*, **2015**, 59, 2460-70	5.9	15

90	Olive Oil and the Senescent Bone **2015**, 505-512		
89	Deleted in breast cancer 1 plays a functional role in adipocyte differentiation. *American Journal of Physiology - Endocrinology and Metabolism*, **2015**, 308, E554-61	6	3
88	Coxsackie and adenovirus receptor is increased in adipose tissue of obese subjects: a role for adenovirus infection?. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 1156-63	5.6	4
87	Circulating irisin levels are positively associated with metabolic risk factors in sedentary subjects. *PLoS ONE*, **2015**, 10, e0124100	3.7	53
86	ITCH deficiency protects from diet-induced obesity. *Diabetes*, **2014**, 63, 550-61	0.9	22
85	Polymerase I and transcript release factor (PTRF) regulates adipocyte differentiation and determines adipose tissue expandability. *FASEB Journal*, **2014**, 28, 3769-79	0.9	21
84	Fine-tuned iron availability is essential to achieve optimal adipocyte differentiation and mitochondrial biogenesis. *Diabetologia*, **2014**, 57, 1957-67	10.3	39
83	Human omental and subcutaneous adipose tissue exhibit specific lipidomic signatures. *FASEB Journal*, **2014**, 28, 1071-81	0.9	38
82	Profiling of circulating microRNAs reveals common microRNAs linked to type 2 diabetes that change with insulin sensitization. *Diabetes Care*, **2014**, 37, 1375-83	14.6	241
81	Circulating tryptase as a marker for subclinical atherosclerosis in obese subjects. *PLoS ONE*, **2014**, 9, e97014	3.7	16
80	Placental sprouty 2 (SPRY2): relation to placental growth and maternal metabolic status. *Neonatology*, **2014**, 106, 120-5	4	1
79	Insulin resistance modulates iron-related proteins in adipose tissue. *Diabetes Care*, **2014**, 37, 1092-100	14.6	43
78	The possible role of antimicrobial proteins in obesity-associated immunologic alterations. *Expert Review of Clinical Immunology*, **2014**, 10, 855-66	5.1	4
77	Adipose tissue Ecrystallin is a thyroid hormone-binding protein associated with systemic insulin sensitivity. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E2259-68	5.6	6
76	CIDEC/FSP27 and PLIN1 gene expression run in parallel to mitochondrial genes in human adipose tissue, both increasing after weight loss. *International Journal of Obesity*, **2014**, 38, 865-72	5.5	30
75	Lactoferrin gene knockdown leads to similar effects to iron chelation in human adipocytes. *Journal of Cellular and Molecular Medicine*, **2014**, 18, 391-5	5.6	18
74	IL-21 is a major negative regulator of IRF4-dependent lipolysis affecting Tregs in adipose tissue and systemic insulin sensitivity. *Diabetes*, **2014**, 63, 2086-96	0.9	42
73	Inflammation and insulin resistance exert dual effects on adipose tissue tumor protein 53 expression. *International Journal of Obesity*, **2014**, 38, 737-45	5.5	20

72	Targeting the association of calgranulin B (S100A9) with insulin resistance and type 2 diabetes. *Journal of Molecular Medicine*, **2013**, 91, 523-34	5.5	11
71	Changes in circulating microRNAs are associated with childhood obesity. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E1655-60	5.6	148
70	A role for adipocyte-derived lipopolysaccharide-binding protein in inflammation- and obesity-associated adipose tissue dysfunction. *Diabetologia*, **2013**, 56, 2524-37	10.3	75
69	The gut microbiota profile is associated with insulin action in humans. *Acta Diabetologica*, **2013**, 50, 753-61	3.9	39
68	Liver, but not adipose tissue PEDF gene expression is associated with insulin resistance. *International Journal of Obesity*, **2013**, 37, 1230-7	5.5	21
67	Decreased RB1 mRNA, protein, and activity reflect obesity-induced altered adipogenic capacity in human adipose tissue. *Diabetes*, **2013**, 62, 1923-31	0.9	28
66	Targeting the circulating microRNA signature of obesity. *Clinical Chemistry*, **2013**, 59, 781-92	5.5	281
65	Serum lipopolysaccharide-binding protein as a marker of atherosclerosis. *Atherosclerosis*, **2013**, 230, 223-7	3.1	53
64	Study of lactoferrin gene expression in human and mouse adipose tissue, human preadipocytes and mouse 3T3-L1 fibroblasts. Association with adipogenic and inflammatory markers. *Journal of Nutritional Biochemistry*, **2013**, 24, 1266-75	6.3	24
63	Irisin is expressed and produced by human muscle and adipose tissue in association with obesity and insulin resistance. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E769-78	5.6	501
62	Phosphorylated S6K1 (Thr389) is a molecular adipose tissue marker of altered glucose tolerance. *Journal of Nutritional Biochemistry*, **2013**, 24, 32-8	6.3	5
61	The lung innate immune gene surfactant protein-D is expressed in adipose tissue and linked to obesity status. *International Journal of Obesity*, **2013**, 37, 1532-8	5.5	16
60	Common genetic variants of surfactant protein-D (SP-D) are associated with type 2 diabetes. *PLoS ONE*, **2013**, 8, e60468	3.7	12
59	Iron and obesity status-associated insulin resistance influence circulating fibroblast-growth factor-23 concentrations. *PLoS ONE*, **2013**, 8, e58961	3.7	25
58	The MRC1/CD68 ratio is positively associated with adipose tissue lipogenesis and with muscle mitochondrial gene expression in humans. *PLoS ONE*, **2013**, 8, e70810	3.7	14
57	The rab11 effector protein FIP1 regulates adiponectin trafficking and secretion. *PLoS ONE*, **2013**, 8, e74687	3.7	17
56	The L-α-lysophosphatidylinositol/GPR55 system and its potential role in human obesity. *Diabetes*, **2012**, 61, 281-91	0.9	112
55	Circulating lipopolysaccharide-binding protein (LBP) as a marker of obesity-related insulin resistance. *International Journal of Obesity*, **2012**, 36, 1442-9	5.5	136

54	Adipocyte Differentiation **2012**, 17-38		36
53	Circulating zonulin, a marker of intestinal permeability, is increased in association with obesity-associated insulin resistance. *PLoS ONE*, **2012**, 7, e37160	3.7	165
52	The postprandial inflammatory response after ingestion of heated oils in obese persons is reduced by the presence of phenol compounds. *Molecular Nutrition and Food Research*, **2012**, 56, 510-4	5.9	48
51	Serum and urinary concentrations of calprotectin as markers of insulin resistance and type 2 diabetes. *European Journal of Endocrinology*, **2012**, 167, 569-78	6.5	44
50	Type I iodothyronine 5Ŧdeiodinase mRNA and activity is increased in adipose tissue of obese subjects. *International Journal of Obesity*, **2012**, 36, 320-4	5.5	44
49	Total and undercarboxylated osteocalcin predict changes in insulin sensitivity and □cell function in elderly men at high cardiovascular risk. *American Journal of Clinical Nutrition*, **2012**, 95, 249-55	7	65
48	A Mediterranean diet enriched with olive oil is associated with higher serum total osteocalcin levels in elderly men at high cardiovascular risk. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 3792-8	5.6	63
47	Peroxisome proliferator-activated receptor □dependent regulation of lipolytic nodes and metabolic flexibility. *Molecular and Cellular Biology*, **2012**, 32, 1555-65	4.8	44
46	Weight-loss diet alone or combined with progressive resistance training induces changes in association between the cardiometabolic risk profile and abdominal fat depots. *Annals of Nutrition and Metabolism*, **2012**, 61, 296-304	4.5	20
45	Breast cancer 1 (BrCa1) may be behind decreased lipogenesis in adipose tissue from obese subjects. *PLoS ONE*, **2012**, 7, e33233	3.7	17
44	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. *Nature Genetics*, **2011**, 43, 753-60	36.3	237
43	Circulating omentin as a novel biomarker of endothelial dysfunction. *Obesity*, **2011**, 19, 1552-9	8	92
42	Decreased serum creatinine concentration is associated with short telomeres of adipose tissue cells. *Obesity*, **2011**, 19, 1511-4	8	4
41	Proadipogenic effects of lactoferrin in human subcutaneous and visceral preadipocytes. *Journal of Nutritional Biochemistry*, **2011**, 22, 1143-9	6.3	22
40	Decreased STAMP2 expression in association with visceral adipose tissue dysfunction. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1816-25	5.6	26
39	Circulating glucagon is associated with inflammatory mediators in metabolically compromised subjects. *European Journal of Endocrinology*, **2011**, 165, 639-45	6.5	12
38	Antimicrobial-sensing proteins in obesity and type 2 diabetes: the buffering efficiency hypothesis. *Diabetes Care*, **2011**, 34 Suppl 2, S335-41	14.6	17
37	OCT1 Expression in adipocytes could contribute to increased metformin action in obese subjects. *Diabetes*, **2011**, 60, 168-76	0.9	73

36	Plasma PTX3 protein levels inversely correlate with insulin secretion and obesity, whereas visceral adipose tissue PTX3 gene expression is increased in obesity. *American Journal of Physiology - Endocrinology and Metabolism*, **2011**, 301, E1254-61	6	46
35	CD14 modulates inflammation-driven insulin resistance. *Diabetes*, **2011**, 60, 2179-86	0.9	78
34	Transferrin receptor-1 gene polymorphisms are associated with type 2 diabetes. *European Journal of Clinical Investigation*, **2010**, 40, 600-7	4.6	19
33	The gene expression of the main lipogenic enzymes is downregulated in visceral adipose tissue of obese subjects. *Obesity*, **2010**, 18, 13-20	8	84
32	Fat overload induces changes in circulating lactoferrin that are associated with postprandial lipemia and oxidative stress in severely obese subjects. *Obesity*, **2010**, 18, 482-8	8	23
31	Environmental and genetic factors influence the relationship between circulating IL-10 and obesity phenotypes. *Obesity*, **2010**, 18, 611-8	8	16
30	LIGHT is associated with hypertriglyceridemia in obese subjects and increased cytokine secretion from cultured human adipocytes. *International Journal of Obesity*, **2010**, 34, 146-56	5.5	19
29	Metabolic endotoxemia and saturated fat contribute to circulating NGAL concentrations in subjects with insulin resistance. *International Journal of Obesity*, **2010**, 34, 240-9	5.5	72
28	Thyroid hormone responsive Spot 14 increases during differentiation of human adipocytes and its expression is down-regulated in obese subjects. *International Journal of Obesity*, **2010**, 34, 487-99	5.5	21
27	Telomere length of subcutaneous adipose tissue cells is shorter in obese and formerly obese subjects. *International Journal of Obesity*, **2010**, 34, 1345-8	5.5	41
26	Complement factor H is expressed in adipose tissue in association with insulin resistance. *Diabetes*, **2010**, 59, 200-9	0.9	74
25	Extracellular fatty acid synthase: a possible surrogate biomarker of insulin resistance. *Diabetes*, **2010**, 59, 1506-11	0.9	38
24	Circulating pigment epithelium-derived factor levels are associated with insulin resistance and decrease after weight loss. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 4720-8	5.6	75
23	Study of caveolin-1 gene expression in whole adipose tissue and its subfractions and during differentiation of human adipocytes. *Nutrition and Metabolism*, **2010**, 7, 20	4.6	25
22	Characterization of herpes virus entry mediator as a factor linked to obesity. *Obesity*, **2010**, 18, 239-46	8	22
21	Circulating bactericidal/permeability-increasing protein (BPI) is associated with serum lipids and endothelial function. *Thrombosis and Haemostasis*, **2010**, 103, 780-7	7	9
20	The decrease of serum levels of human neutrophil alpha-defensins parallels with the surgery-induced amelioration of NASH in obesity. *Obesity Surgery*, **2010**, 20, 1682-9	3.7	13
19	Serum HER-2 concentration is associated with insulin resistance and decreases after weight loss. *Nutrition and Metabolism*, **2010**, 7, 14	4.6	10

18	Circulating omentin concentration increases after weight loss. *Nutrition and Metabolism*, **2010**, 7, 27	4.6	151
17	MiRNA expression profile of human subcutaneous adipose and during adipocyte differentiation. *PLoS ONE*, **2010**, 5, e9022	3.7	275
16	Persistent body fat mass and inflammatory marker increases after long-term cure of Cushing's syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 3365-71	5.6	114
15	Study of circulating prohepcidin in association with insulin sensitivity and changing iron stores. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 982-8	5.6	26
14	Decreased circulating lactoferrin in insulin resistance and altered glucose tolerance as a possible marker of neutrophil dysfunction in type 2 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 4036-44	5.6	59
13	Study of the proinflammatory role of human differentiated omental adipocytes. *Journal of Cellular Biochemistry*, **2009**, 107, 1107-17	4.7	51
12	Lactoferrin increases (172Thr)AMPK phosphorylation and insulin-induced (p473Ser)AKT while impairing adipocyte differentiation. *International Journal of Obesity*, **2009**, 33, 991-1000	5.5	42
11	Circulating soluble transferrin receptor concentration decreases after exercise-induced improvement of insulin sensitivity in obese individuals. *International Journal of Obesity*, **2009**, 33, 768-74	5.5	10
10	Subcutaneous fat shows higher thyroid hormone receptor-alpha1 gene expression than omental fat. *Obesity*, **2009**, 17, 2134-41	8	29
9	Val1483Ile in FASN gene is linked to central obesity and insulin sensitivity in adult white men. *Obesity*, **2009**, 17, 1755-61	8	14
8	Deleterious effects of glucocorticoid replacement on bone in women after long-term remission of Cushing's syndrome. *Journal of Bone and Mineral Research*, **2009**, 24, 1841-6	6.3	42
7	The relationship of serum osteocalcin concentration to insulin secretion, sensitivity, and disposal with hypocaloric diet and resistance training. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 237-45	5.6	223
6	Hyperinsulinemia and hyperfiltration in renal transplantation. *Transplantation*, **2009**, 87, 274-9	1.8	9
5	Low serum mannose-binding lectin as a risk factor for new onset diabetes mellitus after renal transplantation. *Transplantation*, **2009**, 88, 272-8	1.8	22
4	Circulating retinol-binding protein-4 concentration might reflect insulin resistance-associated iron overload. *Diabetes*, **2008**, 57, 1918-25	0.9	37
3	Association of circulating lactoferrin concentration and 2 nonsynonymous LTF gene polymorphisms with dyslipidemia in men depends on glucose-tolerance status. *Clinical Chemistry*, **2008**, 54, 301-9	5.5	52
2	Circulating visfatin is associated with parameters of iron metabolism in subjects with altered glucose tolerance. *Diabetes Care*, **2007**, 30, 616-21	14.6	45
1	Circulating soluble transferrin receptor according to glucose tolerance status and insulin sensitivity. *Diabetes Care*, **2007**, 30, 604-8	14.6	37