

Jos Mara Moreno-Navarrete

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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.

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	Irisin is expressed and produced by human muscle and adipose tissue in association with obesity and insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E769-78	5.6	501
178	Targeting the circulating microRNA signature of obesity. <i>Clinical Chemistry</i> , 2013 , 59, 781-92	5.5	281
177	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. <i>Nature Medicine</i> , 2018 , 24, 1070-1080	50.5	276
176	MiRNA expression profile of human subcutaneous adipose and during adipocyte differentiation. <i>PLoS ONE</i> , 2010 , 5, e9022	3.7	275
175	Profiling of circulating microRNAs reveals common microRNAs linked to type 2 diabetes that change with insulin sensitization. <i>Diabetes Care</i> , 2014 , 37, 1375-83	14.6	241
174	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , 2011 , 43, 753-60	36.3	237
173	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
172	Circulating zonulin, a marker of intestinal permeability, is increased in association with obesity-associated insulin resistance. <i>PLoS ONE</i> , 2012 , 7, e37160	3.7	165
171	Circulating omentin concentration increases after weight loss. <i>Nutrition and Metabolism</i> , 2010 , 7, 27	4.6	151
170	Changes in circulating microRNAs are associated with childhood obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1655-60	5.6	148
169	Circulating lipopolysaccharide-binding protein (LBP) as a marker of obesity-related insulin resistance. <i>International Journal of Obesity</i> , 2012 , 36, 1442-9	5.5	136
168	Nicotinamide N-methyltransferase regulates hepatic nutrient metabolism through Sirt1 protein stabilization. <i>Nature Medicine</i> , 2015 , 21, 887-94	50.5	129
167	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. <i>Nature Medicine</i> , 2018 , 24, 1113-1120	50.5	121
166	Persistent body fat mass and inflammatory marker increases after long-term cure of Cushing's syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3365-71	5.6	114
165	The L-Elysophosphatidylinositol/GPR55 system and its potential role in human obesity. <i>Diabetes</i> , 2012 , 61, 281-91	0.9	112
164	Thyroid hormones induce browning of white fat. <i>Journal of Endocrinology</i> , 2017 , 232, 351-362	4.7	96
163	Circulating omentin as a novel biomarker of endothelial dysfunction. <i>Obesity</i> , 2011 , 19, 1552-9	8	92

162	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
161	CD14 modulates inflammation-driven insulin resistance. <i>Diabetes</i> , 2011 , 60, 2179-86	0.9	78
160	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
159	Circulating pigment epithelium-derived factor levels are associated with insulin resistance and decrease after weight loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4720-8	5.6	75
158	Complement factor H is expressed in adipose tissue in association with insulin resistance. <i>Diabetes</i> , 2010 , 59, 200-9	0.9	74
157	Decreased lipid metabolism but increased FA biosynthesis are coupled with changes in liver microRNAs in obese subjects with NAFLD. <i>International Journal of Obesity</i> , 2017 , 41, 620-630	5.5	73
156	OCT1 Expression in adipocytes could contribute to increased metformin action in obese subjects. <i>Diabetes</i> , 2011 , 60, 168-76	0.9	73
155	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
154	Inflammation triggers specific microRNA profiles in human adipocytes and macrophages and in their supernatants. <i>Clinical Epigenetics</i> , 2015 , 7, 49	7.7	71
153	Circulating irisin levels and coronary heart disease: association with future acute coronary syndrome and major adverse cardiovascular events. <i>International Journal of Obesity</i> , 2015 , 39, 156-61	5.5	70
152	Total and undercarboxylated osteocalcin predict changes in insulin sensitivity and β -cell function in elderly men at high cardiovascular risk. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 249-55	7	65
151	A Mediterranean diet enriched with olive oil is associated with higher serum total osteocalcin levels in elderly men at high cardiovascular risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 3792-8	5.6	63
150	Decreased circulating lactoferrin in insulin resistance and altered glucose tolerance as a possible marker of neutrophil dysfunction in type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 4036-44	5.6	59
149	Circulating profiling reveals the effect of a polyunsaturated fatty acid-enriched diet on common microRNAs. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 1095-101	6.3	57
148	Serum lipopolysaccharide-binding protein as a marker of atherosclerosis. <i>Atherosclerosis</i> , 2013 , 230, 223-31	3.1	53
147	Circulating irisin levels are positively associated with metabolic risk factors in sedentary subjects. <i>PLoS ONE</i> , 2015 , 10, e0124100	3.7	53
146	Association of circulating lactoferrin concentration and 2 nonsynonymous LTF gene polymorphisms with dyslipidemia in men depends on glucose-tolerance status. <i>Clinical Chemistry</i> , 2008 , 54, 301-9	5.5	52
145	Study of the proinflammatory role of human differentiated omental adipocytes. <i>Journal of Cellular Biochemistry</i> , 2009 , 107, 1107-17	4.7	51

144	Genome-wide DNA methylation pattern in visceral adipose tissue differentiates insulin-resistant from insulin-sensitive obese subjects. <i>Translational Research</i> , 2016 , 178, 13-24.e5	11	50
143	The postprandial inflammatory response after ingestion of heated oils in obese persons is reduced by the presence of phenol compounds. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 510-4	5.9	48
142	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
141	Gut Microbiota Interacts with Markers of Adipose Tissue Browning, Insulin Action and Plasma Acetate in Morbid Obesity. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700721	5.9	46
140	Circulating visfatin is associated with parameters of iron metabolism in subjects with altered glucose tolerance. <i>Diabetes Care</i> , 2007 , 30, 616-21	14.6	45
139	Serum and urinary concentrations of calprotectin as markers of insulin resistance and type 2 diabetes. <i>European Journal of Endocrinology</i> , 2012 , 167, 569-78	6.5	44
138	Type I iodothyronine 5-deiodinase mRNA and activity is increased in adipose tissue of obese subjects. <i>International Journal of Obesity</i> , 2012 , 36, 320-4	5.5	44
137	Peroxisome proliferator-activated receptor δ -dependent regulation of lipolytic nodes and metabolic flexibility. <i>Molecular and Cellular Biology</i> , 2012 , 32, 1555-65	4.8	44
136	Insulin resistance modulates iron-related proteins in adipose tissue. <i>Diabetes Care</i> , 2014 , 37, 1092-100	14.6	43
135	IL-21 is a major negative regulator of IRF4-dependent lipolysis affecting Tregs in adipose tissue and systemic insulin sensitivity. <i>Diabetes</i> , 2014 , 63, 2086-96	0.9	42
134	Lactoferrin increases (172Thr)AMPK phosphorylation and insulin-induced (p473Ser)AKT while impairing adipocyte differentiation. <i>International Journal of Obesity</i> , 2009 , 33, 991-1000	5.5	42
133	Deleterious effects of glucocorticoid replacement on bone in women after long-term remission of Cushing's syndrome. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1841-6	6.3	42
132	Telomere length of subcutaneous adipose tissue cells is shorter in obese and formerly obese subjects. <i>International Journal of Obesity</i> , 2010 , 34, 1345-8	5.5	41
131	Fine-tuned iron availability is essential to achieve optimal adipocyte differentiation and mitochondrial biogenesis. <i>Diabetologia</i> , 2014 , 57, 1957-67	10.3	39
130	The gut microbiota profile is associated with insulin action in humans. <i>Acta Diabetologica</i> , 2013 , 50, 753-61	6.1	39
129	Human omental and subcutaneous adipose tissue exhibit specific lipidomic signatures. <i>FASEB Journal</i> , 2014 , 28, 1071-81	0.9	38
128	Extracellular fatty acid synthase: a possible surrogate biomarker of insulin resistance. <i>Diabetes</i> , 2010 , 59, 1506-11	0.9	38
127	Circulating retinol-binding protein-4 concentration might reflect insulin resistance-associated iron overload. <i>Diabetes</i> , 2008 , 57, 1918-25	0.9	37

126	Circulating soluble transferrin receptor according to glucose tolerance status and insulin sensitivity. <i>Diabetes Care</i> , 2007 , 30, 604-8	14.6	37
125	Role of Mitochondrial Complex IV in Age-Dependent Obesity. <i>Cell Reports</i> , 2016 , 16, 2991-3002	10.6	36
124	Adipocyte Differentiation 2012 , 17-38		36
123	Surgery-Induced Weight Loss Is Associated With the Downregulation of Genes Targeted by MicroRNAs in Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1467-76	5.6	35
122	Adipocyte pseudohypoxia suppresses lipolysis and facilitates benign adipose tissue expansion. <i>Diabetes</i> , 2015 , 64, 733-45	0.9	33
121	TP53INP2 regulates adiposity by activating Eatenin through autophagy-dependent sequestration of GSK3 β <i>Nature Cell Biology</i> , 2018 , 20, 443-454	23.4	33
120	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. <i>Nature Medicine</i> , 2016 , 22, 771-9	50.5	33
119	The complement system is dysfunctional in metabolic disease: Evidences in plasma and adipose tissue from obese and insulin resistant subjects. <i>Seminars in Cell and Developmental Biology</i> , 2019 , 85, 164-172	7.5	32
118	The Gut Metagenome Changes in Parallel to Waist Circumference, Brain Iron Deposition, and Cognitive Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2962-2973	5.6	31
117	Lipopolysaccharide-binding protein is a negative regulator of adipose tissue browning in mice and humans. <i>Diabetologia</i> , 2016 , 59, 2208-18	10.3	31
116	CIDEA/FSP27 and PLIN1 gene expression run in parallel to mitochondrial genes in human adipose tissue, both increasing after weight loss. <i>International Journal of Obesity</i> , 2014 , 38, 865-72	5.5	30
115	The gut microbiota modulates both browning of white adipose tissue and the activity of brown adipose tissue. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019 , 20, 387-397	10.5	30
114	Subcutaneous fat shows higher thyroid hormone receptor-alpha1 gene expression than omental fat. <i>Obesity</i> , 2009 , 17, 2134-41	8	29
113	Decreased RB1 mRNA, protein, and activity reflect obesity-induced altered adipogenic capacity in human adipose tissue. <i>Diabetes</i> , 2013 , 62, 1923-31	0.9	28
112	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
111	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. <i>Cell Metabolism</i> , 2020 , 32, 548-560.e7	24.6	27
110	Study of circulating prohepcidin in association with insulin sensitivity and changing iron stores. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 982-8	5.6	26
109	Decreased STAMP2 expression in association with visceral adipose tissue dysfunction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1816-25	5.6	26

108	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
107	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
106	Iron and obesity status-associated insulin resistance influence circulating fibroblast-growth factor-23 concentrations. <i>PLoS ONE</i> , 2013 , 8, e58961	3.7	25
105	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
104	Peroxisome Proliferator-Activated Receptor α Controls the Rate of Adipose Tissue Lipid Storage and Determines Metabolic Flexibility. <i>Cell Reports</i> , 2018 , 24, 2005-2012.e7	10.6	24
103	Circulating Irisin and Myostatin as Markers of Muscle Strength and Physical Condition in Elderly Subjects. <i>Frontiers in Physiology</i> , 2019 , 10, 871	4.6	24
102	Study of lactoferrin gene expression in human and mouse adipose tissue, human preadipocytes and mouse 3T3-L1 fibroblasts. Association with adipogenic and inflammatory markers. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1266-75	6.3	24
101	Fat overload induces changes in circulating lactoferrin that are associated with postprandial lipemia and oxidative stress in severely obese subjects. <i>Obesity</i> , 2010 , 18, 482-8	8	23
100	ITCH deficiency protects from diet-induced obesity. <i>Diabetes</i> , 2014 , 63, 550-61	0.9	22
99	Proadipogenic effects of lactoferrin in human subcutaneous and visceral preadipocytes. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 1143-9	6.3	22
98	Characterization of herpes virus entry mediator as a factor linked to obesity. <i>Obesity</i> , 2010 , 18, 239-46	8	22
97	Low serum mannose-binding lectin as a risk factor for new onset diabetes mellitus after renal transplantation. <i>Transplantation</i> , 2009 , 88, 272-8	1.8	22
96	Polymerase I and transcript release factor (PTRF) regulates adipocyte differentiation and determines adipose tissue expandability. <i>FASEB Journal</i> , 2014 , 28, 3769-79	0.9	21
95	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
94	Thyroid hormone responsive Spot 14 increases during differentiation of human adipocytes and its expression is down-regulated in obese subjects. <i>International Journal of Obesity</i> , 2010 , 34, 487-99	5.5	21
93	Glutamate interactions with obesity, insulin resistance, cognition and gut microbiota composition. <i>Acta Diabetologica</i> , 2019 , 56, 569-579	3.9	20
92	Lean mass, and not fat mass, is an independent determinant of carotid intima media thickness in obese subjects. <i>Atherosclerosis</i> , 2015 , 243, 493-8	3.1	20
91	Plasma ANGPTL-4 is Associated with Obesity and Glucose Tolerance: Cross-Sectional and Longitudinal Findings. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800060	5.9	20

90	Neuroinflammation in obesity: circulating lipopolysaccharide-binding protein associates with brain structure and cognitive performance. <i>International Journal of Obesity</i> , 2017 , 41, 1627-1635	5.5	20
89	Inflammation and insulin resistance exert dual effects on adipose tissue tumor protein 53 expression. <i>International Journal of Obesity</i> , 2014 , 38, 737-45	5.5	20
88	Weight-loss diet alone or combined with progressive resistance training induces changes in association between the cardiometabolic risk profile and abdominal fat depots. <i>Annals of Nutrition and Metabolism</i> , 2012 , 61, 296-304	4.5	20
87	Hepatic iron content is independently associated with serum hepcidin levels in subjects with obesity. <i>Clinical Nutrition</i> , 2017 , 36, 1434-1439	5.9	19
86	Transferrin receptor-1 gene polymorphisms are associated with type 2 diabetes. <i>European Journal of Clinical Investigation</i> , 2010 , 40, 600-7	4.6	19
85	LIGHT is associated with hypertriglyceridemia in obese subjects and increased cytokine secretion from cultured human adipocytes. <i>International Journal of Obesity</i> , 2010 , 34, 146-56	5.5	19
84	Cytosolic aconitase activity sustains adipogenic capacity of adipose tissue connecting iron metabolism and adipogenesis. <i>FASEB Journal</i> , 2015 , 29, 1529-39	0.9	18
83	Obesity Is Associated With Gene Expression and Imaging Markers of Iron Accumulation in Skeletal Muscle. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 1282-9	5.6	18
82	Lactoferrin gene knockdown leads to similar effects to iron chelation in human adipocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 391-5	5.6	18
81	Central nicotine induces browning through hypothalamic μ -opioid receptor. <i>Nature Communications</i> , 2019 , 10, 4037	17.4	17
80	Antimicrobial-sensing proteins in obesity and type 2 diabetes: the buffering efficiency hypothesis. <i>Diabetes Care</i> , 2011 , 34 Suppl 2, S335-41	14.6	17
79	Breast cancer 1 (BrCa1) may be behind decreased lipogenesis in adipose tissue from obese subjects. <i>PLoS ONE</i> , 2012 , 7, e33233	3.7	17
78	The rab11 effector protein FIP1 regulates adiponectin trafficking and secretion. <i>PLoS ONE</i> , 2013 , 8, e74687	9.7	17
77	Circulating tryptase as a marker for subclinical atherosclerosis in obese subjects. <i>PLoS ONE</i> , 2014 , 9, e97014	9.14	16
76	The lung innate immune gene surfactant protein-D is expressed in adipose tissue and linked to obesity status. <i>International Journal of Obesity</i> , 2013 , 37, 1532-8	5.5	16
75	Environmental and genetic factors influence the relationship between circulating IL-10 and obesity phenotypes. <i>Obesity</i> , 2010 , 18, 611-8	8	16
74	CISD1 in association with obesity-associated dysfunctional adipogenesis in human visceral adipose tissue. <i>Obesity</i> , 2016 , 24, 139-47	8	16
73	Metabolomics uncovers the role of adipose tissue PDXK in adipogenesis and systemic insulin sensitivity. <i>Diabetologia</i> , 2016 , 59, 822-32	10.3	15

72	Circulating hepcidin in type 2 diabetes: A multivariate analysis and double blind evaluation of metformin effects. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2460-70	5.9	15
71	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. <i>Microbiome</i> , 2021 , 9, 104	16.6	15
70	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. <i>European Journal of Endocrinology</i> , 2017 , 176, 393-404	6.5	14
69	DBC1 is involved in adipocyte inflammation and is a possible marker of human adipose tissue senescence. <i>Obesity</i> , 2015 , 23, 519-22	8	14
68	An Epigenetic Signature in Adipose Tissue Is Linked to Nicotinamide N-Methyltransferase Gene Expression. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1700933	5.9	14
67	Val1483Ile in FASN gene is linked to central obesity and insulin sensitivity in adult white men. <i>Obesity</i> , 2009 , 17, 1755-61	8	14
66	The MRC1/CD68 ratio is positively associated with adipose tissue lipogenesis and with muscle mitochondrial gene expression in humans. <i>PLoS ONE</i> , 2013 , 8, e70810	3.7	14
65	Compounds that modulate AMPK activity and hepatic steatosis impact the biosynthesis of microRNAs required to maintain lipid homeostasis in hepatocytes. <i>EBioMedicine</i> , 2020 , 53, 102697	8.8	13
64	Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity. <i>Obesity</i> , 2017 , 25, 1723-1733	8	13
63	The decrease of serum levels of human neutrophil alpha-defensins parallels with the surgery-induced amelioration of NASH in obesity. <i>Obesity Surgery</i> , 2010 , 20, 1682-9	3.7	13
62	Neuregulin 4 Is a Novel Marker of Beige Adipocyte Precursor Cells in Human Adipose Tissue. <i>Frontiers in Physiology</i> , 2019 , 10, 39	4.6	12
61	Common genetic variants of surfactant protein-D (SP-D) are associated with type 2 diabetes. <i>PLoS ONE</i> , 2013 , 8, e60468	3.7	12
60	Circulating glucagon is associated with inflammatory mediators in metabolically compromised subjects. <i>European Journal of Endocrinology</i> , 2011 , 165, 639-45	6.5	12
59	Targeting the association of calgranulin B (S100A9) with insulin resistance and type 2 diabetes. <i>Journal of Molecular Medicine</i> , 2013 , 91, 523-34	5.5	11
58	mRNA is linked to cholesterol metabolism in adipose tissue. <i>FASEB Journal</i> , 2017 , 31, 4482-4491	0.9	10
57	Circulating soluble transferrin receptor concentration decreases after exercise-induced improvement of insulin sensitivity in obese individuals. <i>International Journal of Obesity</i> , 2009 , 33, 768-74	5.5	10
56	Serum HER-2 concentration is associated with insulin resistance and decreases after weight loss. <i>Nutrition and Metabolism</i> , 2010 , 7, 14	4.6	10
55	Comparative and functional analysis of plasma membrane-derived extracellular vesicles from obese vs. nonobese women. <i>Clinical Nutrition</i> , 2020 , 39, 1067-1076	5.9	10

54	Decreased TLR3 in Hyperplastic Adipose Tissue, Blood and Inflamed Adipocytes is Related to Metabolic Inflammation. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 1051-1068	3.9	10
53	PRDM16 sustains white fat gene expression profile in human adipocytes in direct relation with insulin action. <i>Molecular and Cellular Endocrinology</i> , 2015 , 405, 84-93	4.4	9
52	Hyperinsulinemia and hyperfiltration in renal transplantation. <i>Transplantation</i> , 2009 , 87, 274-9	1.8	9
51	Circulating bactericidal/permeability-increasing protein (BPI) is associated with serum lipids and endothelial function. <i>Thrombosis and Haemostasis</i> , 2010 , 103, 780-7	7	9
50	Adipocyte Differentiation 2017 , 69-90		9
49	Hydrogen sulfide impacts on inflammation-induced adipocyte dysfunction. <i>Food and Chemical Toxicology</i> , 2019 , 131, 110543	4.7	8
48	Activation of Endogenous HS Biosynthesis or Supplementation with Exogenous HS Enhances Adipose Tissue Adipogenesis and Preserves Adipocyte Physiology in Humans. <i>Antioxidants and Redox Signaling</i> , 2021 , 35, 319-340	8.4	8
47	Adipose tissue and serum CCDC80 in obesity and its association with related metabolic disease. <i>Molecular Medicine</i> , 2017 , 23, 225-234	6.2	7
46	Contrasting association of circulating sCD14 with insulin sensitivity in non-obese and morbidly obese subjects. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 103-9	5.9	7
45	Adipose tissue TSH as a new modulator of human adipocyte mitochondrial function. <i>International Journal of Obesity</i> , 2019 , 43, 1611-1619	5.5	7
44	Iron influences on the Gut-Brain axis and development of type 2 diabetes. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 443-449	11.5	7
43	Microbiota alterations in proline metabolism impact depression.. <i>Cell Metabolism</i> , 2022 , 34, 681-701.e1024.6		7
42	Adipocyte lipopolysaccharide binding protein (LBP) is linked to a specific lipidomic signature. <i>Obesity</i> , 2017 , 25, 391-400	8	6
41	Increased adipose tissue heme levels and exportation are associated with altered systemic glucose metabolism. <i>Scientific Reports</i> , 2017 , 7, 5305	4.9	6
40	Adipose tissue Ecrystallin is a thyroid hormone-binding protein associated with systemic insulin sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2259-68	5.6	6
39	The Impact of HS on Obesity-Associated Metabolic Disturbances. <i>Antioxidants</i> , 2021 , 10,	7.1	6
38	Adipose tissue R2* signal is increased in subjects with obesity: A preliminary MRI study. <i>Obesity</i> , 2016 , 24, 352-8	8	6
37	Permanent cystathionine-βSynthase gene knockdown promotes inflammation and oxidative stress in immortalized human adipose-derived mesenchymal stem cells, enhancing their adipogenic capacity. <i>Redox Biology</i> , 2021 , 42, 101668	11.3	6

36	Morbidly obese subjects show increased serum sulfide in proportion to fat mass. <i>International Journal of Obesity</i> , 2021 , 45, 415-426	5.5	6
35	Lysozyme is a component of the innate immune system linked to obesity associated-chronic low-grade inflammation and altered glucose tolerance. <i>Clinical Nutrition</i> , 2021 , 40, 1420-1429	5.9	6
34	FGF15/19 is required for adipose tissue plasticity in response to thermogenic adaptations. <i>Molecular Metabolism</i> , 2021 , 43, 101113	8.8	6
33	Transducin-like enhancer of split 3 (TLE3) in adipose tissue is increased in situations characterized by decreased PPAR α gene expression. <i>Journal of Molecular Medicine</i> , 2015 , 93, 83-92	5.5	5
32	Phosphorylated S6K1 (Thr389) is a molecular adipose tissue marker of altered glucose tolerance. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 32-8	6.3	5
31	Adipose TSHB in Humans and Serum TSH in Hypothyroid Rats Inform About Cellular Senescence. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 142-153	3.9	5
30	Circulating hepcidin is independently associated with systolic blood pressure in apparently healthy individuals. <i>Archives of Medical Research</i> , 2015 , 46, 507-13	6.6	4
29	Coxsackie and adenovirus receptor is increased in adipose tissue of obese subjects: a role for adenovirus infection?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 1156-63	5.6	4
28	The possible role of antimicrobial proteins in obesity-associated immunologic alterations. <i>Expert Review of Clinical Immunology</i> , 2014 , 10, 855-66	5.1	4
27	Decreased serum creatinine concentration is associated with short telomeres of adipose tissue cells. <i>Obesity</i> , 2011 , 19, 1511-4	8	4
26	Caudovirales bacteriophages are associated with improved executive function and memory in flies, mice, and humans.. <i>Cell Host and Microbe</i> , 2022 ,	23.4	4
25	Adipose Tissue Expansion by Overfeeding Healthy Men Alters Iron Gene Expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 688-696	5.6	3
24	Soluble TNF α receptor 1 as a predictor of coronary calcifications in patients after long-term cure of Cushing's syndrome. <i>Pituitary</i> , 2015 , 18, 135-41	4.3	3
23	Deleted in breast cancer 1 plays a functional role in adipocyte differentiation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E554-61	6	3
22	Regulation of adipogenic differentiation and adipose tissue inflammation by interferon regulatory factor 3. <i>Cell Death and Differentiation</i> , 2021 , 28, 3022-3035	12.7	3
21	Nicotinamide N-methyltransferase expression decreases in iron overload, exacerbating toxicity in mouse hepatocytes. <i>Hepatology Communications</i> , 2017 , 1, 803-815	6	2
20	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
19	A microRNA Cluster Controls Fat Cell Differentiation and Adipose Tissue Expansion By Regulating SNCG.. <i>Advanced Science</i> , 2021 , e2104759	13.6	2

18	Ferroportin mRNA is down-regulated in granulosa and cervical cells from infertile women. <i>Fertility and Sterility</i> , 2017 , 107, 236-242	4.8	1
17	Cytoskeletal transgelin 2 contributes to gender-dependent adipose tissue expandability and immune function. <i>FASEB Journal</i> , 2019 , 33, 9656-9671	0.9	1
16	Placental sprouty 2 (SPRY2): relation to placental growth and maternal metabolic status. <i>Neonatology</i> , 2014 , 106, 120-5	4	1
15	Specific adipose tissue gene knockdown prevents diet-induced body weight gain, impacting fat accretion-related gene and protein expression.. <i>Molecular Therapy - Nucleic Acids</i> , 2022 , 27, 870-879	10.7	1
14	Lipidomics and metabolomics signatures of SARS-CoV-2 mediators/receptors in peripheral leukocytes, jejunum and colon. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 6080-6089	6.8	1
13	Comparison of Outcomes between Obese and Nonobese Patients in Laparoscopic Adrenalectomy: A Cohort Study. <i>Digestive Surgery</i> , 2021 , 38, 237-246	2.5	1
12	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance.. <i>Nature Metabolism</i> , 2022 , 4, 476-494	14.6	1
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4	The Microbiota and Energy Balance. <i>Endocrinology</i> , 2018 , 1-18	0.1	
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2	The Microbiota and Energy Balance. <i>Endocrinology</i> , 2019 , 109-126	0.1	
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