JosÃ© MarÃ-a Moreno-Navarrete

List of Publications by Year
in descending order

182	9,571	36303	46799
papers	citations	51 h-index	89 g-index

188	188	188	16633
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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-E778.	3.6	634
2	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. Nature Medicine, 2018, 24, 1070-1080.	30.7	465
3	Targeting the Circulating MicroRNA Signature of Obesity. Clinical Chemistry, 2013, 59, 781-792.	3.2	373
4	MiRNA Expression Profile of Human Subcutaneous Adipose and during Adipocyte Differentiation. PLoS ONE, 2010, 5, e9022.	2.5	316
5	Profiling of Circulating MicroRNAs Reveals Common MicroRNAs Linked to Type 2 Diabetes That Change With Insulin Sensitization. Diabetes Care, 2014, 37, 1375-1383.	8.6	312
6	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. Nature Genetics, 2011, 43, 753-760.	21.4	289
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, 237-245.	3.6	254
8	Circulating Zonulin, a Marker of Intestinal Permeability, Is Increased in Association with Obesity-Associated Insulin Resistance. PLoS ONE, 2012, 7, e37160.	2.5	241
9	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. Nature Medicine, 2018, 24, 1113-1120.	30.7	193
10	Circulating omentin concentration increases after weight loss. Nutrition and Metabolism, 2010, 7, 27.	3.0	181
11	Nicotinamide N-methyltransferase regulates hepatic nutrient metabolism through Sirt1 protein stabilization. Nature Medicine, 2015, 21, 887-894.	30.7	181
12	Changes in Circulating MicroRNAs Are Associated With Childhood Obesity. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1655-E1660.	3.6	180
13	Circulating lipopolysaccharide-binding protein (LBP) as a marker of obesity-related insulin resistance. International Journal of Obesity, 2012, 36, 1442-1449.	3.4	164
14	Persistent Body Fat Mass and Inflammatory Marker Increases after Long-Term Cure of Cushingâ€™s Syndrome. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3365-3371.	3.6	137
15	The<scp>l</scp>-Î±-Lysophosphatidylinositol/GPR55System and Its Potential Role in Human Obesity. Diabetes, 2012, 61, 281-291.	0.6	134
16	Thyroid hormones induce browning of white fat. Journal of Endocrinology, 2017, 232, 351-362.	2.6	126
17	Circulating Omentin as a Novel Biomarker of Endothelial Dysfunction. Obesity, 2011, 19, 1552-1559.	3.0	115
18	A role for adipocyte-derived lipopolysaccharide-binding protein in inflammation- and obesity-associated adipose tissue dysfunction. Diabetologia, 2013, 56, 2524-2537.	6.3	109

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19	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.	3.4	101
20	The Gene Expression of the Main Lipogenic Enzymes is Downregulated in Visceral Adipose Tissue of Obese Subjects. Obesity, 2010, 18, 13-20.	3.0	99
21	Circulating Pigment Epithelium-Derived Factor Levels Are Associated with Insulin Resistance and Decrease after Weight Loss. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4720-4728.	3.6	95
22	Circulating irisin levels and coronary heart disease: association with future acute coronary syndrome and major adverse cardiovascular events. International Journal of Obesity, 2015, 39, 156-161.	3.4	95
23	Inflammation triggers specific microRNA profiles in human adipocytes and macrophages and in their supernatants. Clinical Epigenetics, 2015, 7, 49.	4.1	94
24	Complement Factor H Is Expressed in Adipose Tissue in Association With Insulin Resistance. Diabetes, 2010, 59, 200-209.	0.6	88
25	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. Cell Metabolism, 2020, 32, 548-560.e7.	16.2	88
26	OCT1 Expression in Adipocytes Could Contribute to Increased Metformin Action in Obese Subjects. Diabetes, 2011, 60, 168-176.	0.6	86
27	CD14 Modulates Inflammation-Driven Insulin Resistance. Diabetes, 2011, 60, 2179-2186.	0.6	83
28	Metabolic endotoxemia and saturated fat contribute to circulating NGAL concentrations in subjects with insulin resistance. International Journal of Obesity, 2010, 34, 240-249.	3.4	82
29	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, 3792-3798.	3.6	78
30	Microbiota alterations in proline metabolism impact depression. Cell Metabolism, 2022, 34, 681-701.e10.	16.2	77
31	Circulating profiling reveals the effect of a polyunsaturated fatty acid-enriched diet on common microRNAs. Journal of Nutritional Biochemistry, 2015, 26, 1095-1101.	4.2	76
32	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, 4036-4044.	3.6	75
33	Total and undercarboxylated osteocalcin predict changes in insulin sensitivity and Î² cell function in elderly men at high cardiovascular risk. American Journal of Clinical Nutrition, 2012, 95, 249-255.	4.7	74
34	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.	3.3	73
35	Genome-wide DNA methylation pattern in visceral adipose tissue differentiates insulin-resistant from insulin-sensitive obese subjects. Translational Research, 2016, 178, 13-24.e5.	5.0	71
36	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. Microbiome, 2021, 9, 104.	11.1	70

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37	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.	5.7	68
38	Serum lipopolysaccharide-binding protein as a marker of atherosclerosis. Atherosclerosis, 2013, 230, 223-227.	0.8	65
39	Role of Mitochondrial Complex IV in Age-Dependent Obesity. Cell Reports, 2016, 16, 2991-3002.	6.4	65
40	Study of the proinflammatory role of human differentiated omental adipocytes. Journal of Cellular Biochemistry, 2009, 107, 1107-1117.	2.6	64
41	Association of Circulating Lactoferrin Concentration and 2 Nonsynonymous LTF Gene Polymorphisms with Dyslipidemia in Men Depends on Glucose-Tolerance Status. Clinical Chemistry, 2008, 54, 301-309.	3.2	63
42	Circulating Irisin Levels Are Positively Associated with Metabolic Risk Factors in Sedentary Subjects. PLoS ONE, 2015, 10, e0124100.	2.5	62
43	Type I iodothyronine 5â€²-deiodinase mRNA and activity is increased in adipose tissue of obese subjects. International Journal of Obesity, 2012, 36, 320-324.	3.4	61
44	Lactoferrin increases 172ThrAMPK phosphorylation and insulin-induced p473SerAKT while impairing adipocyte differentiation. International Journal of Obesity, 2009, 33, 991-1000.	3.4	59
45	Serum and urinary concentrations of calprotectin as markers of insulin resistance and type 2 diabetes. European Journal of Endocrinology, 2012, 167, 569-578.	3.7	58
46	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. Nature Medicine, 2016, 22, 771-779.	30.7	57
47	Insulin Resistance Modulates Iron-Related Proteins in Adipose Tissue. Diabetes Care, 2014, 37, 1092-1100.	8.6	56
48	Fine-tuned iron availability is essential to achieve optimal adipocyte differentiation and mitochondrial biogenesis. Diabetologia, 2014, 57, 1957-1967.	6.3	56
49	Peroxisome Proliferator-Activated Receptor Î³-Dependent Regulation of Lipolytic Nodes and Metabolic Flexibility. Molecular and Cellular Biology, 2012, 32, 1555-1565.	2.3	54
50	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-E1261.	3.5	52
51	Circulating Visfatin Is Associated With Parameters of Iron Metabolism in Subjects With Altered Glucose Tolerance. Diabetes Care, 2007, 30, 616-621.	8.6	51
52	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, 1841-1846.	2.8	51
53	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.	5.0	51
54	The gut microbiota profile is associated with insulin action in humans. Acta Diabetologica, 2013, 50, 753-761.	2.5	50

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55	Caudovirales bacteriophages are associated with improved executive function and memory in flies, mice, and humans. Cell Host and Microbe, 2022, 30, 340-356.e8.	11.0	50
56	Telomere length of subcutaneous adipose tissue cells is shorter in obese and formerly obese subjects. International Journal of Obesity, 2010, 34, 1345-1348.	3.4	49
57	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, 510-514.	3.3	49
58	IL-21 Is a Major Negative Regulator of IRF4-Dependent Lipolysis Affecting Tregs in Adipose Tissue and Systemic Insulin Sensitivity. Diabetes, 2014, 63, 2086-2096.	0.6	49
59	Adipocyte Pseudohypoxia Suppresses Lipolysis and Facilitates Benign Adipose Tissue Expansion. Diabetes, 2015, 64, 733-745.	0.6	49
60	Glutamate interactions with obesity, insulin resistance, cognition and gut microbiota composition. Acta Diabetologica, 2019, 56, 569-579.	2.5	49
61	Human omental and subcutaneous adipose tissue exhibit specific lipidomic signatures. FASEB Journal, 2014, 28, 1071-1081.	0.5	48
62	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-E1476.	3.6	48
63	Extracellular Fatty Acid Synthase: A Possible Surrogate Biomarker of Insulin Resistance. Diabetes, 2010, 59, 1506-1511.	0.6	47
64	TP53INP2 regulates adiposity by activating Î²-catenin through autophagy-dependent sequestration of GSK3Î². Nature Cell Biology, 2018, 20, 443-454.	10.3	47
65	Circulating Soluble Transferrin Receptor According to Glucose Tolerance Status and Insulin Sensitivity. Diabetes Care, 2007, 30, 604-608.	8.6	44
66	Circulating Retinol-Binding Protein-4 Concentration Might Reflect Insulin Resistanceâ€“Associated Iron Overload. Diabetes, 2008, 57, 1918-1925.	0.6	44
67	Circulating Irisin and Myostatin as Markers of Muscle Strength and Physical Condition in Elderly Subjects. Frontiers in Physiology, 2019, 10, 871.	2.8	44
68	Adipocyte Differentiation. , 2012, , 17-38.		41
69	Lipopolysaccharide-binding protein is a negative regulator of adipose tissue browning in mice and humans. Diabetologia, 2016, 59, 2208-2218.	6.3	41
70	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, 865-872.	3.4	40
71	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.	3.6	40
72	Subcutaneous Fat Shows Higher Thyroid Hormone Receptorâ€Î±1 Gene Expression Than Omental Fat. Obesity, 2009, 17, 2134-2141.	3.0	39

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73	Neuroinflammation in obesity: circulating lipopolysaccharide-binding protein associates with brain structure and cognitive performance. International Journal of Obesity, 2017, 41, 1627-1635.	3.4	38
74	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, 1673-1683.	3.3	37
75	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, 1266-1275.	4.2	36
76	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.	6.3	36
77	Plasma ANGPTLâ€4 is Associated with Obesity and Glucose Tolerance: Crossâ€Sectional and Longitudinal Findings. Molecular Nutrition and Food Research, 2018, 62, e1800060.	3.3	35
78	Peroxisome Proliferator-Activated Receptor Î³2 Controls the Rate of Adipose Tissue Lipid Storage and Determines Metabolic Flexibility. Cell Reports, 2018, 24, 2005-2012.e7.	6.4	35
79	Iron and Obesity Status-Associated Insulin Resistance Influence Circulating Fibroblast-Growth Factor-23 Concentrations. PLoS ONE, 2013, 8, e58961.	2.5	35
80	DecreasedSTAMP2Expression in Association with Visceral Adipose Tissue Dysfunction. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1816-E1825.	3.6	34
81	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, 487-499.	3.4	32
82	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.	3.0	32
83	Decreased RB1 mRNA, Protein, and Activity Reflect Obesity-Induced Altered Adipogenic Capacity in Human Adipose Tissue. Diabetes, 2013, 62, 1923-1931.	0.6	32
84	Central nicotine induces browning through hypothalamic Îº opioid receptor. Nature Communications, 2019, 10, 4037.	12.8	32
85	Fat Overload Induces Changes in Circulating Lactoferrin That Are Associated With Postprandial Lipemia and Oxidative Stress in Severely Obese Subjects. Obesity, 2010, 18, 482-488.	3.0	30
86	Lactoferrin gene knockdown leads to similar effects to iron chelation in human adipocytes. Journal of Cellular and Molecular Medicine, 2014, 18, 391-395.	3.6	30
87	Study of Circulating Prohepcidin in Association with Insulin Sensitivity and Changing Iron Stores. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 982-988.	3.6	29
88	Proadipogenic effects of lactoferrin in human subcutaneous and visceral preadipocytes. Journal of Nutritional Biochemistry, 2011, 22, 1143-1149.	4.2	29
89	Lipopolysaccharide binding protein is an adipokine involved in the resilience of the mouse adipocyte to inflammation. Diabetologia, 2015, 58, 2424-2434.	6.3	28
90	Cytosolic aconitase activity sustains adipogenic capacity of adipose tissue connecting iron metabolism and adipogenesis. FASEB Journal, 2015, 29, 1529-1539.	0.5	28

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91	Neuregulin 4 Is a Novel Marker of Beige Adipocyte Precursor Cells in Human Adipose Tissue. Frontiers in Physiology, 2019, 10, 39.	2.8	28
92	Characterization of Herpes Virus Entry Mediator as a Factor Linked to Obesity. Obesity, 2010, 18, 239-246.	3.0	27
93	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. European Journal of Endocrinology, 2017, 176, 393-404.	3.7	27
94	Low Serum Mannose-Binding Lectin as a Risk Factor for New Onset Diabetes Mellitus After Renal Transplantation. Transplantation, 2009, 88, 272-278.	1.0	26
95	Transferrin receptorâ€1 gene polymorphisms are associated with type 2 diabetes. European Journal of Clinical Investigation, 2010, 40, 600-607.	3.4	26
96	Polymerase I and transcript release factor (PTRF) regulates adipocyte differentiation and determines adipose tissue expandability. FASEB Journal, 2014, 28, 3769-3779.	0.5	26
97	Hepatic iron content is independently associated with serum hepcidin levels in subjects with obesity. Clinical Nutrition, 2017, 36, 1434-1439.	5.0	26
98	An Epigenetic Signature in Adipose Tissue Is Linked to Nicotinamide Nâ€Methyltransferase Gene Expression. Molecular Nutrition and Food Research, 2018, 62, e1700933.	3.3	26
99	LIGHT is associated with hypertriglyceridemia in obese subjects and increased cytokine secretion from cultured human adipocytes. International Journal of Obesity, 2010, 34, 146-156.	3.4	25
100	Lean mass, and not fat mass, is an independent determinant of carotid intima media thickness in obese subjects. Atherosclerosis, 2015, 243, 493-498.	0.8	25
101	Metabolomics uncovers the role of adipose tissue PDXK in adipogenesis and systemic insulin sensitivity. Diabetologia, 2016, 59, 822-832.	6.3	25
102	ITCH Deficiency Protects From Diet-Induced Obesity. Diabetes, 2014, 63, 550-561.	0.6	24
103	<scp>CISD1</scp> in association with obesityâ€associated dysfunctional adipogenesis in human visceral adipose tissue. Obesity, 2016, 24, 139-147.	3.0	23
104	Obesity Is Associated With Gene Expression and Imaging Markers of Iron Accumulation in Skeletal Muscle. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1282-1289.	3.6	23
105	The Rab11 Effector Protein FIP1 Regulates Adiponectin Trafficking and Secretion. PLoS ONE, 2013, 8, e74687.	2.5	23
106	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.	1.9	22
107	Liver, but not adipose tissue PEDF gene expression is associated with insulin resistance. International Journal of Obesity, 2013, 37, 1230-1237.	3.4	22
108	Inflammation and insulin resistance exert dual effects on adipose tissue tumor protein 53 expression. International Journal of Obesity, 2014, 38, 737-745.	3.4	22

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109	Compounds that modulate AMPK activity and hepatic steatosis impact the biosynthesis of microRNAs required to maintain lipid homeostasis in hepatocytes. EBioMedicine, 2020, 53, 102697.	6.1	22
110	Circulating Tryptase as a Marker for Subclinical Atherosclerosis in Obese Subjects. PLoS ONE, 2014, 9, e97014.	2.5	21
111	Adipose Tissue and Serum CCDC80 in Obesity and Its Association with Related Metabolic Disease. Molecular Medicine, 2017, 23, 225-234.	4.4	21
112	Antimicrobial-Sensing Proteins in Obesity and Type 2 Diabetes. Diabetes Care, 2011, 34, S335-S341.	8.6	20
113	Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity. Obesity, 2017, 25, 1723-1733.	3.0	20
114	Environmental and Genetic Factors Influence the Relationship Between Circulating ILâ€10 and Obesity Phenotypes. Obesity, 2010, 18, 611-618.	3.0	19
115	Common Genetic Variants of Surfactant Protein-D (SP-D) Are Associated with Type 2 Diabetes. PLoS ONE, 2013, 8, e60468.	2.5	19
116	Circulating hepcidin in type 2 diabetes: A multivariate analysis and double blind evaluation of metformin effects. Molecular Nutrition and Food Research, 2015, 59, 2460-2470.	3.3	19
117	FGF15/19 is required for adipose tissue plasticity in response to thermogenic adaptations. Molecular Metabolism, 2021, 43, 101113.	6.5	18
118	Activation of Endogenous H₂S Biosynthesis or Supplementation with Exogenous H₂S Enhances Adipose Tissue Adipogenesis and Preserves Adipocyte Physiology in Humans. Antioxidants and Redox Signaling, 2021, 35, 319-340.	5.4	18
119	Breast Cancer 1 (BrCa1) May Be behind Decreased Lipogenesis in Adipose Tissue from Obese Subjects. PLoS ONE, 2012, 7, e33233.	2.5	18
120	The lung innate immune gene surfactant protein-D is expressed in adipose tissue and linked to obesity status. International Journal of Obesity, 2013, 37, 1532-1538.	3.4	17
121	DBC1 is involved in adipocyte inflammation and is a possible marker of human adipose tissue senescence. Obesity, 2015, 23, 519-522.	3.0	17
122	Regulation of adipogenic differentiation and adipose tissue inflammation by interferon regulatory factor 3. Cell Death and Differentiation, 2021, 28, 3022-3035.	11.2	17
123	The MRC1/CD68 Ratio Is Positively Associated with Adipose Tissue Lipogenesis and with Muscle Mitochondrial Gene Expression in Humans. PLoS ONE, 2013, 8, e70810.	2.5	17
124	The Decrease of Serum Levels of Human Neutrophil Alpha-Defensins Parallels with the Surgery-Induced Amelioration of NASH in Obesity. Obesity Surgery, 2010, 20, 1682-1689.	2.1	16
125	Circulating glucagon is associated with inflammatory mediators in metabolically compromised subjects. European Journal of Endocrinology, 2011, 165, 639-645.	3.7	16
126	Comparative and functional analysis of plasma membrane-derived extracellular vesicles from obese vs. nonobese women. Clinical Nutrition, 2020, 39, 1067-1076.	5.0	16

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127	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.	5.0	16
128	The Impact of H2S on Obesity-Associated Metabolic Disturbances. Antioxidants, 2021, 10, 633.	5.1	16
129	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance. Nature Metabolism, 2022, 4, 476-494.	11.9	16
130	Val1483Ile in FASN Gene Is Linked to Central Obesity and Insulin Sensitivity in Adult White Men. Obesity, 2009, 17, 1755-1761.	3.0	15
131	Targeting the association of calgranulin B (S100A9) with insulin resistance and type 2 diabetes. Journal of Molecular Medicine, 2013, 91, 523-534.	3.9	15
132	TSHB mRNA is linked to cholesterol metabolism in adipose tissue. FASEB Journal, 2017, 31, 4482-4491.	0.5	15
133	Circulating soluble transferrin receptor concentration decreases after exercise-induced improvement of insulin sensitivity in obese individuals. International Journal of Obesity, 2009, 33, 768-774.	3.4	14
134	Decreased TLR3 in Hyperplastic Adipose Tissue, Blood and Inflamed Adipocytes is Related to Metabolic Inflammation. Cellular Physiology and Biochemistry, 2018, 51, 1051-1068.	1.6	14
135	Adipocyte Differentiation. , 2017, , 69-90.		14
136	Serum HER-2 concentration is associated with insulin resistance and decreases after weight loss. Nutrition and Metabolism, 2010, 7, 14.	3.0	13
137	Comparison of Outcomes between Obese and Nonobese Patients in Laparoscopic Adrenalectomy: A Cohort Study. Digestive Surgery, 2021, 38, 237-246.	1.2	13
138	Adipocyte lipopolysaccharide binding protein (<scp>LBP</scp>) is linked to a specific lipidomic signature. Obesity, 2017, 25, 391-400.	3.0	12
139	Hydrogen sulfide impacts on inflammation-induced adipocyte dysfunction. Food and Chemical Toxicology, 2019, 131, 110543.	3.6	12
140	Permanent cystathionine-Î²-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.	9.0	12
141	Adipose tissue knockdown of lysozyme reduces local inflammation and improves adipogenesis in high-fat diet-fed mice. Pharmacological Research, 2021, 166, 105486.	7.1	12
142	PRDM16 sustains white fat gene expression profile in human adipocytes in direct relation with insulin action. Molecular and Cellular Endocrinology, 2015, 405, 84-93.	3.2	11
143	Iron influences on the Gut-Brain axis and development of type 2 diabetes. Critical Reviews in Food Science and Nutrition, 2019, 59, 443-449.	10.3	11
144	Contrasting association of circulating sCD14 with insulin sensitivity in nonâ€obese and morbidly obese subjects. Molecular Nutrition and Food Research, 2016, 60, 103-109.	3.3	10

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145	Increased adipose tissue heme levels and exportation are associated with altered systemic glucose metabolism. Scientific Reports, 2017, 7, 5305.	3.3	10
146	Adipose tissue TSH as a new modulator of human adipocyte mitochondrial function. International Journal of Obesity, 2019, 43, 1611-1619.	3.4	10
147	Hyperinsulinemia and Hyperfiltration in Renal Transplantation. Transplantation, 2009, 87, 274-279.	1.0	9
148	Circulating bactericidal/permeability-increasing protein (BPI) is associated with serum lipids and endothelial function. Thrombosis and Haemostasis, 2010, 103, 780-787.	3.4	9
149	Morbidly obese subjects show increased serum sulfide in proportion to fat mass. International Journal of Obesity, 2021, 45, 415-426.	3.4	9
150	A microRNA Cluster Controls Fat Cell Differentiation and Adipose Tissue Expansion By Regulating SNCG. Advanced Science, 2022, 9, 2104759.	11.2	9
151	Adipose Tissue Î¼-Crystallin Is a Thyroid Hormone-Binding Protein Associated With Systemic Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2259-E2268.	3.6	8
152	Adipose tissue <scp>R2</scp>* signal is increased in subjects with obesity: A preliminary <scp>MRI</scp> study. Obesity, 2016, 24, 352-358.	3.0	8
153	Adipose Tissue Expansion by Overfeeding Healthy Men Alters Iron Gene Expression. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 688-696.	3.6	7
154	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.	4.1	7
155	Neuregulin 4 Downregulation Induces Insulin Resistance in 3T3-L1 Adipocytes through Inflammation and Autophagic Degradation of GLUT4 Vesicles. International Journal of Molecular Sciences, 2021, 22, 12960.	4.1	7
156	The possible role of antimicrobial proteins in obesity-associated immunologic alterations. Expert Review of Clinical Immunology, 2014, 10, 855-866.	3.0	6
157	Ferroportin mRNA is down-regulated in granulosa and cervical cells from infertile women. Fertility and Sterility, 2017, 107, 236-242.	1.0	6
158	Cytoskeletal transgelin 2 contributes to genderâ€dependent adipose tissue expandability and immune function. FASEB Journal, 2019, 33, 9656-9671.	0.5	6
159	Decreased Serum Creatinine Concentration Is Associated With Short Telomeres of Adipose Tissue Cells. Obesity, 2011, 19, 1511-1514.	3.0	5
160	Phosphorylated S6K1 (Thr389) is a molecular adipose tissue marker of altered glucose tolerance. Journal of Nutritional Biochemistry, 2013, 24, 32-38.	4.2	5
161	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, 1156-1163.	3.6	5
162	Transducin-like enhancer of split 3 (TLE3) in adipose tissue is increased in situations characterized by decreased PPARÎ³ gene expression. Journal of Molecular Medicine, 2015, 93, 83-92.	3.9	5

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163	Circulating Hepcidin Is Independently Associated with Systolic Blood Pressure in Apparently Healthy Individuals. Archives of Medical Research, 2015, 46, 507-513.	3.3	5
164	Adipose TSHB in Humans and Serum TSH in Hypothyroid Rats Inform About Cellular Senescence. Cellular Physiology and Biochemistry, 2018, 51, 142-153.	1.6	5
165	ITCH E3 ubiquitin ligase downregulation compromises hepatic degradation of branched-chain amino acids. Molecular Metabolism, 2022, 59, 101454.	6.5	5
166	Soluble TNFÎ±-receptor 1 as a predictor of coronary calcifications in patients after long-term cure of Cushingâ€™s syndrome. Pituitary, 2015, 18, 135-141.	2.9	4
167	Nicotinamide Nâ€methyltransferase expression decreases in iron overload, exacerbating toxicity in mouse hepatocytes. Hepatology Communications, 2017, 1, 803-815.	4.3	4
168	Specific adipose tissue Lbp gene knockdown prevents diet-induced body weight gain, impacting fat accretion-related gene and protein expression. Molecular Therapy - Nucleic Acids, 2022, 27, 870-879.	5.1	4
169	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.	5.1	4
170	Deleted in breast cancer 1 plays a functional role in adipocyte differentiation. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E554-E561.	3.5	3
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