

Jose M Fernández-Real

List of Publications by Year in descending order

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487
papers

28,515
citations

6254

80
h-index

9345

143
g-index

517
all docs

517
docs citations

517
times ranked

37266
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin alters the gut microbiome of individuals with treatment-naive type 2 diabetes, contributing to the therapeutic effects of the drug. <i>Nature Medicine</i> , 2017, 23, 850-858.	30.7	1,165
2	Insulin Resistance and Chronic Cardiovascular Inflammatory Syndrome. <i>Endocrine Reviews</i> , 2003, 24, 278-301.	20.1	746
3	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-E778.	3.6	634
4	Cross-Talk Between Iron Metabolism and Diabetes. <i>Diabetes</i> , 2002, 51, 2348-2354.	0.6	547
5	Circulating Interleukin 6 Levels, Blood Pressure, and Insulin Sensitivity in Apparently Healthy Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1154-1159.	3.6	483
6	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. <i>Nature Medicine</i> , 2018, 24, 1070-1080.	30.7	465
7	Olive oil and health: Summary of the II international conference on olive oil and health consensus report, Jaén and Córdoba (Spain) 2008. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 284-294.	2.6	449
8	Increase in Plasma Endotoxin Concentrations and the Expression of Toll-Like Receptors and Suppressor of Cytokine Signaling-3 in Mononuclear Cells After a High-Fat, High-Carbohydrate Meal. <i>Diabetes Care</i> , 2009, 32, 2281-2287.	8.6	426
9	Physiology and role of irisin in glucose homeostasis. <i>Nature Reviews Endocrinology</i> , 2017, 13, 324-337.	9.6	403
10	Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. <i>Nature</i> , 2011, 478, 97-102.	27.8	394
11	Targeting the Circulating MicroRNA Signature of Obesity. <i>Clinical Chemistry</i> , 2013, 59, 781-792.	3.2	373
12	Dyslipidemia and inflammation: an evolutionary conserved mechanism. <i>Clinical Nutrition</i> , 2005, 24, 16-31.	5.0	353
13	MiRNA Expression Profile of Human Subcutaneous Adipose and during Adipocyte Differentiation. <i>PLoS ONE</i> , 2010, 5, e9022.	2.5	316
14	Blood Letting in High-Ferritin Type 2 Diabetes. <i>Diabetes</i> , 2002, 51, 1000-1004.	0.6	313
15	Profiling of Circulating MicroRNAs Reveals Common MicroRNAs Linked to Type 2 Diabetes That Change With Insulin Sensitization. <i>Diabetes Care</i> , 2014, 37, 1375-1383.	8.6	312
16	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , 2011, 43, 753-760.	21.4	289
17	Serum Ferritin as a Component of the Insulin Resistance Syndrome. <i>Diabetes Care</i> , 1998, 21, 62-68.	8.6	275
18	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , 2018, 12, 1642-1657.	9.8	260

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19	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, 237-245.	3.6	254
20	Insulin resistance and inflammation in an evolutionary perspective: the contribution of cytokine genotype/phenotype to thriftiness. <i>Diabetologia</i> , 1999, 42, 1367-1374.	6.3	242
21	Circulating Zonulin, a Marker of Intestinal Permeability, Is Increased in Association with Obesity-Associated Insulin Resistance. <i>PLoS ONE</i> , 2012, 7, e37160.	2.5	241
22	Obesity changes the human gut mycobiome. <i>Scientific Reports</i> , 2015, 5, 14600.	3.3	231
23	Changes in blood microbiota profiles associated with liver fibrosis in obese patients: A pilot analysis. <i>Hepatology</i> , 2016, 64, 2015-2027.	7.3	230
24	Interleukin-6 gene polymorphism and insulin sensitivity.. <i>Diabetes</i> , 2000, 49, 517-520.	0.6	228
25	The TNF- α Gene <i>rs1868672</i> Polymorphism Influences the Relationship Among Insulin Resistance, Percent Body Fat, and Increased Serum Leptin Levels. <i>Diabetes</i> , 1997, 46, 1468-1472.	0.6	221
26	Plasma levels of the soluble fraction of tumor necrosis factor receptor 2 and insulin resistance. <i>Diabetes</i> , 1998, 47, 1757-1762.	0.6	211
27	Interleukin-6 Gene Polymorphism and Lipid Abnormalities in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1334-1339.	3.6	197
28	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. <i>Nature Medicine</i> , 2018, 24, 1113-1120.	30.7	193
29	Effects of iron overload on chronic metabolic diseases. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 513-526.	11.4	192
30	Circulating omentin concentration increases after weight loss. <i>Nutrition and Metabolism</i> , 2010, 7, 27.	3.0	181
31	Nicotinamide N-methyltransferase regulates hepatic nutrient metabolism through Sirt1 protein stabilization. <i>Nature Medicine</i> , 2015, 21, 887-894.	30.7	181
32	Serum Visfatin Increases With Progressive β -Cell Deterioration. <i>Diabetes</i> , 2006, 55, 2871-2875.	0.6	180
33	Changes in Circulating MicroRNAs Are Associated With Childhood Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1655-E1660.	3.6	180
34	Executive Functions Profile in Extreme Eating/Weight Conditions: From Anorexia Nervosa to Obesity. <i>PLoS ONE</i> , 2012, 7, e43382.	2.5	180
35	Insulin Resistance, Inflammation, and Serum Fatty Acid Composition. <i>Diabetes Care</i> , 2003, 26, 1362-1368.	8.6	178
36	Fatty Acid Synthase: Association with Insulin Resistance, Type 2 Diabetes, and Cancer. <i>Clinical Chemistry</i> , 2009, 55, 425-438.	3.2	175

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37	Lifetime Obesity in Patients with Eating Disorders: Increasing Prevalence, Clinical and Personality Correlates. <i>European Eating Disorders Review</i> , 2012, 20, 250-254.	4.1	170
38	Circulating lipopolysaccharide-binding protein (LBP) as a marker of obesity-related insulin resistance. <i>International Journal of Obesity</i> , 2012, 36, 1442-1449.	3.4	164
39	Circulating Interleukin 6 Levels, Blood Pressure, and Insulin Sensitivity in Apparently Healthy Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1154-1159.	3.6	163
40	Innate immunity, insulin resistance and type 2 diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2008, 19, 10-16.	7.1	161
41	The interleukin-6 (âˆ’174) G/C promoter polymorphism is associated with type-2 diabetes mellitus in Native Americans and Caucasians. <i>Human Genetics</i> , 2003, 112, 409-413.	3.8	157
42	Adipocytokines and Insulin Resistance. <i>Diabetes Care</i> , 2009, 32, S362-S367.	8.6	155
43	Novel Interactions of Adiponectin with the Endocrine System and Inflammatory Parameters. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2714-2718.	3.6	152
44	Mechanisms Linking Glucose Homeostasis and Iron Metabolism Toward the Onset and Progression of Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 2169-2176.	8.6	152
45	Association of Irisin with Fat Mass, Resting Energy Expenditure, and Daily Activity in Conditions of Extreme Body Mass Index. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-9.	1.5	151
46	Effect of Massive Weight Loss on Inflammatory Adipocytokines and the Innate Immune System in Morbidly Obese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 483-490.	3.6	148
47	Body mass index has a greater impact on pregnancy outcomes than gestational hyperglycaemia. <i>Diabetologia</i> , 2005, 48, 1736-1742.	6.3	145
48	Persistent Body Fat Mass and Inflammatory Marker Increases after Long-Term Cure of Cushingâ€™s Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3365-3371.	3.6	137
49	Circulating Retinol-Binding Protein-4, Insulin Sensitivity, Insulin Secretion, and Insulin Disposition Index in Obese and Nonobese Subjects. <i>Diabetes Care</i> , 2007, 30, 1802-1806.	8.6	134
50	The β -Lysophosphatidylinositol/GPR55 System and Its Potential Role in Human Obesity. <i>Diabetes</i> , 2012, 61, 281-291.	0.6	134
51	Thyroid Function Is Intrinsically Linked to Insulin Sensitivity and Endothelium-Dependent Vasodilation in Healthy Euthyroid Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3337-3343.	3.6	133
52	Iron Stores, Blood Donation, and Insulin Sensitivity and Secretion. <i>Clinical Chemistry</i> , 2005, 51, 1201-1205.	3.2	131
53	Gut Microbiota Interacts With Brain Microstructure and Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4505-4513.	3.6	130
54	Thyroid hormones induce browning of white fat. <i>Journal of Endocrinology</i> , 2017, 232, 351-362.	2.6	126

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55	Body iron stores and early neurologic deterioration in acute cerebral infarction. <i>Neurology</i> , 2000, 54, 1568-1574.	1.1	117
56	Gut microbiota interactions with obesity, insulin resistance and type 2 diabetes. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011, 14, 483-490.	2.5	116
57	Circulating Omentin as a Novel Biomarker of Endothelial Dysfunction. <i>Obesity</i> , 2011, 19, 1552-1559.	3.0	115
58	Grape-seed procyanidins modulate inflammation on human differentiated adipocytes in vitro. <i>Cytokine</i> , 2009, 47, 137-142.	3.2	110
59	A role for adipocyte-derived lipopolysaccharide-binding protein in inflammation- and obesity-associated adipose tissue dysfunction. <i>Diabetologia</i> , 2013, 56, 2524-2537.	6.3	109
60	Serum Corticosteroid-Binding Globulin Concentration and Insulin Resistance Syndrome: A Population Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4686-4690.	3.6	106
61	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, 1157-1167.	4.4	105
62	Iron-related damage in acute ischemic stroke.. <i>Stroke</i> , 1994, 25, 1543-1546.	2.0	104
63	A polymorphism in the promoter of the tumor necrosis factor- α gene (α -308) is associated with coronary heart disease in type 2 diabetic patients. <i>Atherosclerosis</i> , 2003, 167, 257-264.	0.8	104
64	Gestational diabetes is associated with changes in placental microbiota and microbiome. <i>Pediatric Research</i> , 2016, 80, 777-784.	2.3	104
65	Potential impact of American Diabetes Association (2000) criteria for diagnosis of gestational diabetes mellitus in Spain. <i>Diabetologia</i> , 2005, 48, 1135-1141.	6.3	101
66	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.	3.4	101
67	IL6 Gene Promoter Polymorphisms and Type 2 Diabetes: Joint Analysis of Individual Participants' Data From 21 Studies. <i>Diabetes</i> , 2006, 55, 2915-2921.	0.6	99
68	The Gene Expression of the Main Lipogenic Enzymes is Downregulated in Visceral Adipose Tissue of Obese Subjects. <i>Obesity</i> , 2010, 18, 13-20.	3.0	99
69	Adiponectin Is Associated With Vascular Function Independent of Insulin Sensitivity. <i>Diabetes Care</i> , 2004, 27, 739-745.	8.6	98
70	Adiponectin, hepatocellular dysfunction and insulin sensitivity. <i>Clinical Endocrinology</i> , 2004, 60, 256-263.	2.4	97
71	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, 4720-4728.	3.6	95
72	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, 156-161.	3.4	95

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73	Study of glucose tolerance in consecutive patients harbouring incidental adrenal tumours. <i>Clinical Endocrinology</i> , 1998, 49, 53-61.	2.4	94
74	Differential Proteomics of Omental and Subcutaneous Adipose Tissue Reflects Their Unalike Biochemical and Metabolic Properties. <i>Journal of Proteome Research</i> , 2009, 8, 1682-1693.	3.7	94
75	Inflammation triggers specific microRNA profiles in human adipocytes and macrophages and in their supernatants. <i>Clinical Epigenetics</i> , 2015, 7, 49.	4.1	94
76	Innate immunity, insulin resistance and type 2 diabetes. <i>Diabetologia</i> , 2012, 55, 273-278.	6.3	92
77	CD14 Monocyte Receptor, Involved in the Inflammatory Cascade, and Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1780-1784.	3.6	90
78	Complement Factor H Is Expressed in Adipose Tissue in Association With Insulin Resistance. <i>Diabetes</i> , 2010, 59, 200-209.	0.6	88
79	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. <i>Cell Metabolism</i> , 2020, 32, 548-560.e7.	16.2	88
80	OCT1 Expression in Adipocytes Could Contribute to Increased Metformin Action in Obese Subjects. <i>Diabetes</i> , 2011, 60, 168-176.	0.6	86
81	Serum 25-Hydroxyvitamin D and Adipose Tissue Vitamin D Receptor Gene Expression: Relationship With Obesity and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E591-E595.	3.6	85
82	CD14 Modulates Inflammation-Driven Insulin Resistance. <i>Diabetes</i> , 2011, 60, 2179-2186.	0.6	83
83	Circulating Adiponectin and Plasma Fatty Acid Profile. <i>Clinical Chemistry</i> , 2005, 51, 603-609.	3.2	82
84	Adipose Tissue Expression of the Glycerol Channel Aquaporin-7 Gene Is Altered in Severe Obesity But Not in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3640-3645.	3.6	82
85	Metabolic endotoxemia and saturated fat contribute to circulating NGAL concentrations in subjects with insulin resistance. <i>International Journal of Obesity</i> , 2010, 34, 240-249.	3.4	82
86	Smell and taste dysfunctions in extreme weight/eating conditions: analysis of hormonal and psychological interactions. <i>Endocrine</i> , 2016, 51, 256-267.	2.3	82
87	Serum Interleukin-6 Correlates With Endothelial Dysfunction in Healthy Men Independently of Insulin Sensitivity. <i>Diabetes Care</i> , 2007, 30, 939-945.	8.6	81
88	Altered Circulating miRNA Expression Profile in Pregestational and Gestational Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1446-E1456.	3.6	80
89	Pro12Ala Substitution in the Peroxisome Proliferator-Activated Receptor-Gamma Is Associated with Increased Leptin Levels in Women with Type-2 Diabetes mellitus. <i>Hormone Research in Paediatrics</i> , 2002, 58, 143-149.	1.8	79
90	Polymorphism of the tumor necrosis factor-alpha receptor 2 gene is associated with obesity, leptin levels, and insulin resistance in young subjects and diet-treated type 2 diabetic patients. <i>Diabetes Care</i> , 2000, 23, 831-837.	8.6	78

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91	Secreted frizzled-related protein 1 regulates adipose tissue expansion and is dysregulated in severe obesity. <i>International Journal of Obesity</i> , 2010, 34, 1695-1705.	3.4	78
92	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, 3792-3798.	3.6	78
93	Microbiota alterations in proline metabolism impact depression. <i>Cell Metabolism</i> , 2022, 34, 681-701.e10.	16.2	77
94	Adaptive Changes of the Insig1/SREBP1/SCD1 Set Point Help Adipose Tissue to Cope With Increased Storage Demands of Obesity. <i>Diabetes</i> , 2013, 62, 3697-3708.	0.6	76
95	Circulating profiling reveals the effect of a polyunsaturated fatty acid-enriched diet on common microRNAs. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1095-1101.	4.2	76
96	Interleukin-6 Gene Polymorphism and Lipid Abnormalities in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1334-1339.	3.6	76
97	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, 4036-4044.	3.6	75
98	Blood Letting in High-Ferritin Type 2 Diabetes. <i>Diabetes Care</i> , 2002, 25, 2249-2255.	8.6	74
99	Total and undercarboxylated osteocalcin predict changes in insulin sensitivity and β^2 cell function in elderly men at high cardiovascular risk. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 249-255.	4.7	74
100	Alarmin high-mobility group B1 (HMGB1) is regulated in human adipocytes in insulin resistance and influences insulin secretion in β^2 -cells. <i>International Journal of Obesity</i> , 2014, 38, 1545-1554.	3.4	74
101	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.	3.3	73
102	Short-term mortality of myocardial infarction patients with diabetes or hyperglycaemia during admission. <i>Journal of Epidemiology and Community Health</i> , 2002, 56, 707-712.	3.7	72
103	Shedding of TNF- β receptors, blood pressure, and insulin sensitivity in type 2 diabetes mellitus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E952-E959.	3.5	72
104	Gut microbiota steroid sexual dimorphism and its impact on gonadal steroids: influences of obesity and menopausal status. <i>Microbiome</i> , 2020, 8, 136.	11.1	72
105	Tumor necrosis factor system activity is associated with insulin resistance and dyslipidemia in myotonic dystrophy. <i>Diabetes</i> , 1999, 48, 1108-1112.	0.6	71
106	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.	5.0	71
107	An increase in visceral fat is associated with a decrease in the taste and olfactory capacity. <i>PLoS ONE</i> , 2017, 12, e0171204.	2.5	70
108	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. <i>Microbiome</i> , 2021, 9, 104.	11.1	70

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109	Proteasome Dysfunction Associated to Oxidative Stress and Proteotoxicity in Adipocytes Compromises Insulin Sensitivity in Human Obesity. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 597-612.	5.4	68
110	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.	5.7	68
111	Lowering of blood pressure leads to decreased circulating interleukin-6 in hypertensive subjects. <i>Journal of Human Hypertension</i> , 2005, 19, 457-462.	2.2	67
112	FABP4 Dynamics in Obesity: Discrepancies in Adipose Tissue and Liver Expression Regarding Circulating Plasma Levels. <i>PLoS ONE</i> , 2012, 7, e48605.	2.5	67
113	Irisin in humans: recent advances and questions for future research. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 178-180.	3.4	66
114	The TNF-alpha gene Nco I polymorphism influences the relationship among insulin resistance, percent body fat, and increased serum leptin levels. <i>Diabetes</i> , 1997, 46, 1468-1472.	0.6	66
115	Serum lipopolysaccharide-binding protein as a marker of atherosclerosis. <i>Atherosclerosis</i> , 2013, 230, 223-227.	0.8	65
116	Role of Mitochondrial Complex IV in Age-Dependent Obesity. <i>Cell Reports</i> , 2016, 16, 2991-3002.	6.4	65
117	Study of the proinflammatory role of human differentiated omental adipocytes. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 1107-1117.	2.6	64
118	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, 301-309.	3.2	63
119	Circulating Irisin Levels Are Positively Associated with Metabolic Risk Factors in Sedentary Subjects. <i>PLoS ONE</i> , 2015, 10, e0124100.	2.5	62
120	Resistance Training Improves Cardiovascular Risk Factors in Obese Women Despite a Significant Decrease in Serum Adiponectin Levels. <i>Obesity</i> , 2010, 18, 535-541.	3.0	61
121	Type I iodothyronine 5 α -deiodinase mRNA and activity is increased in adipose tissue of obese subjects. <i>International Journal of Obesity</i> , 2012, 36, 320-324.	3.4	61
122	Insulin sensitivity and resistin levels in gestational diabetes mellitus and after parturition. <i>European Journal of Endocrinology</i> , 2008, 158, 173-178.	3.7	60
123	Lactoferrin increases 172ThrAMPK phosphorylation and insulin-induced p473SerAKT while impairing adipocyte differentiation. <i>International Journal of Obesity</i> , 2009, 33, 991-1000.	3.4	59
124	Dysregulation of Placental miRNA in Maternal Obesity Is Associated With Pre- and Postnatal Growth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2584-2594.	3.6	59
125	<scp>COVID</scp> Isolation Eating Scale (<scp>CIES</scp>): Analysis of the impact of confinement in eating disorders and obesityâ€”A collaborative international study. <i>European Eating Disorders Review</i> , 2020, 28, 871-883.	4.1	59
126	Insulin Resistance Is Associated With Increased Serum Concentration of IGF-Binding Protein-Related Protein 1 (IGFBP-rP1/MAC25). <i>Diabetes</i> , 2006, 55, 2333-2339.	0.6	58

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127	Serum and urinary concentrations of calprotectin as markers of insulin resistance and type 2 diabetes. <i>European Journal of Endocrinology</i> , 2012, 167, 569-578.	3.7	58
128	miRNAs in cerebrospinal fluid identify patients with MS and specifically those with lipid-specific oligoclonal IgM bands. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1716-1726.	3.0	58
129	Single Nucleotide Polymorphism relevance learning with Random Forests for Type 2 diabetes risk prediction. <i>Artificial Intelligence in Medicine</i> , 2018, 85, 43-49.	6.5	58
130	Relationship between eating styles and temperament in an Anorexia Nervosa, Healthy Control, and Morbid Obesity female sample. <i>Appetite</i> , 2014, 76, 76-83.	3.7	57
131	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. <i>Nature Medicine</i> , 2016, 22, 771-779.	30.7	57
132	Extracellular Vesicles from Hypoxic Adipocytes and Obese Subjects Reduce Insulin-stimulated Glucose Uptake. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700917.	3.3	57
133	Insulin Resistance Modulates Iron-Related Proteins in Adipose Tissue. <i>Diabetes Care</i> , 2014, 37, 1092-1100.	8.6	56
134	Fine-tuned iron availability is essential to achieve optimal adipocyte differentiation and mitochondrial biogenesis. <i>Diabetologia</i> , 2014, 57, 1957-1967.	6.3	56
135	Peroxisome Proliferator-Activated Receptor β -Dependent Regulation of Lipolytic Nodes and Metabolic Flexibility. <i>Molecular and Cellular Biology</i> , 2012, 32, 1555-1565.	2.3	54
136	Ectopic thyroid tissue presenting as a submandibular mass. , 1996, 18, 87-90.		53
137	Identification and characterization of a novel spliced variant that encodes human soluble tumor necrosis factor receptor 2. <i>International Immunology</i> , 2004, 16, 169-177.	4.0	53
138	Mannose-Binding Lectin Gene Polymorphisms Are Associated with Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 5081-5087.	3.6	52
139	A Link between Bone Mineral Density and Serum Adiponectin and Visfatin Levels in Acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3889-3896.	3.6	52
140	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-E1261.	3.5	52
141	Circulating Visfatin Is Associated With Parameters of Iron Metabolism in Subjects With Altered Glucose Tolerance. <i>Diabetes Care</i> , 2007, 30, 616-621.	8.6	51
142	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, 1841-1846.	2.8	51
143	Joint analysis of individual participants' data from 17 studies on the association of the IL6 variant -174C>G with circulating glucose levels, interleukin-6 levels, and body mass index. <i>Annals of Medicine</i> , 2009, 41, 128-138.	3.8	51
144	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.	5.0	51

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145	Burden of Infection and Insulin Resistance in Healthy Middle-Aged Men. <i>Diabetes Care</i> , 2006, 29, 1058-1064.	8.6	51
146	Maternal glucose tolerance status influences the risk of macrosomia in male but not in female fetuses. <i>Journal of Epidemiology and Community Health</i> , 2009, 63, 64-68.	3.7	50
147	The gut microbiota profile is associated with insulin action in humans. <i>Acta Diabetologica</i> , 2013, 50, 753-761.	2.5	50
148	Caudovirales bacteriophages are associated with improved executive function and memory in flies, mice, and humans. <i>Cell Host and Microbe</i> , 2022, 30, 340-356.e8.	11.0	50
149	Bloodletting Ameliorates Insulin Sensitivity and Secretion in Parallel to Reducing Liver Iron in Carriers of <i>HFE</i> Gene Mutations. <i>Diabetes Care</i> , 2008, 31, 3-8.	8.6	49
150	Telomere length of subcutaneous adipose tissue cells is shorter in obese and formerly obese subjects. <i>International Journal of Obesity</i> , 2010, 34, 1345-1348.	3.4	49
151	Structural damage in diabetic nephropathy is associated with TNF- α system activity. <i>Acta Diabetologica</i> , 2012, 49, 301-305.	2.5	49
152	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, 510-514.	3.3	49
153	Brain Iron Overload, Insulin Resistance, and Cognitive Performance in Obese Subjects: A Preliminary MRI Case-Control Study. <i>Diabetes Care</i> , 2014, 37, 3076-3083.	8.6	49
154	Adipocyte Pseudohypoxia Suppresses Lipolysis and Facilitates Benign Adipose Tissue Expansion. <i>Diabetes</i> , 2015, 64, 733-745.	0.6	49
155	Glutamate interactions with obesity, insulin resistance, cognition and gut microbiota composition. <i>Acta Diabetologica</i> , 2019, 56, 569-579.	2.5	49
156	Olive oil phenolic compounds decrease the postprandial inflammatory response by reducing postprandial plasma lipopolysaccharide levels. <i>Food Chemistry</i> , 2014, 162, 161-171.	8.2	48
157	Human omental and subcutaneous adipose tissue exhibit specific lipidomic signatures. <i>FASEB Journal</i> , 2014, 28, 1071-1081.	0.5	48
158	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-E1476.	3.6	48
159	Analysis of miRNA signatures in CSF identifies upregulation of miR-21 and miR-146a/b in patients with multiple sclerosis and active lesions. <i>Journal of Neuroinflammation</i> , 2019, 16, 220.	7.2	48
160	Pre-Clinical Cushing's Syndrome: Report of Three Cases and Literature Review. <i>Hormone Research</i> , 1994, 41, 230-235.	1.8	47
161	Plasma Total and Glycosylated Corticosteroid-Binding Globulin Levels Are Associated with Insulin Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3192-3196.	3.6	47
162	Expression of TWEAK and its receptor Fn14 in human subcutaneous adipose tissue. Relationship with other inflammatory cytokines in obesity. <i>Cytokine</i> , 2006, 33, 129-137.	3.2	47

#	ARTICLE	IF	CITATIONS
163	Extracellular Fatty Acid Synthase: A Possible Surrogate Biomarker of Insulin Resistance. <i>Diabetes</i> , 2010, 59, 1506-1511.	0.6	47
164	Older type 2 diabetic patients are more likely to achieve glycaemic and cardiovascular risk factors targets than younger patients: analysis of a primary care database. <i>International Journal of Clinical Practice</i> , 2015, 69, 1486-1495.	1.7	47
165	TP53INP2 regulates adiposity by activating β -catenin through autophagy-dependent sequestration of GSK3 β . <i>Nature Cell Biology</i> , 2018, 20, 443-454.	10.3	47
166	Ferritin, metabolic syndrome and its components: A systematic review and meta-analysis. <i>Atherosclerosis</i> , 2018, 275, 97-106.	0.8	47
167	Preoperative Circulating Succinate Levels as a Biomarker for Diabetes Remission After Bariatric Surgery. <i>Diabetes Care</i> , 2019, 42, 1956-1965.	8.6	47
168	Monocyte Chemoattractant Protein-1 in Obesity and Type 2 Diabetes. <i>Insulin Sensitivity Study*</i> . <i>Obesity</i> , 2007, 15, 664-672.	3.0	46
169	Hypothalamic Damage Is Associated With Inflammatory Markers and Worse Cognitive Performance in Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E276-E281.	3.6	46
170	Gut bacterial ClpB-like gene function is associated with decreased body weight and a characteristic microbiota profile. <i>Microbiome</i> , 2020, 8, 59.	11.1	46
171	Plasma levels of the soluble fraction of tumor necrosis factor receptors 1 and 2 are independent determinants of plasma cholesterol and LDL-cholesterol concentrations in healthy subjects. <i>Atherosclerosis</i> , 1999, 146, 321-327.	0.8	45
172	White fish reduces cardiovascular risk factors in patients with metabolic syndrome: The WISH-CARE study, a multicenter randomized clinical trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 328-335.	2.6	45
173	Microbiota impacts on chronic inflammation and metabolic syndrome - related cognitive dysfunction. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 473-480.	5.7	45
174	Circulating Soluble Transferrin Receptor According to Glucose Tolerance Status and Insulin Sensitivity. <i>Diabetes Care</i> , 2007, 30, 604-608.	8.6	44
175	Circulating Retinol-Binding Protein-4 Concentration Might Reflect Insulin Resistance-Associated Iron Overload. <i>Diabetes</i> , 2008, 57, 1918-1925.	0.6	44
176	Circulating Irisin and Myostatin as Markers of Muscle Strength and Physical Condition in Elderly Subjects. <i>Frontiers in Physiology</i> , 2019, 10, 871.	2.8	44
177	Burden of Infection and Fat Mass in Healthy Middle-aged Men. <i>Obesity</i> , 2007, 15, 245-252.	3.0	43
178	Polymorphisms in the interleukin-6 receptor gene are associated with body mass index and with characteristics of the metabolic syndrome. <i>Clinical Endocrinology</i> , 2006, 65, 88-91.	2.4	42
179	Massive Weight Loss Decreases Corticosteroid-Binding Globulin Levels and Increases Free Cortisol in Healthy Obese Patients: An adaptive phenomenon?. <i>Diabetes Care</i> , 2007, 30, 1494-1500.	8.6	42
180	Circulating Betatrophin Levels Are Increased in Anorexia and Decreased in Morbidly Obese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1188-E1196.	3.6	42

#	ARTICLE	IF	CITATIONS
181	Reverse dipper pattern of blood pressure at 3 months is associated with inflammation and outcome after renal transplantation. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 2089-2095.	0.7	41
182	Adipocyte Differentiation. , 2012, , 17-38.		41
183	Olfaction in eating disorders and abnormal eating behavior: a systematic review. <i>Frontiers in Psychology</i> , 2015, 6, 1431.	2.1	41
184	Lower serum osteocalcin concentrations are associated with brain microstructural changes and worse cognitive performance. <i>Clinical Endocrinology</i> , 2016, 84, 756-763.	2.4	41
185	Lipopolysaccharide-binding protein is a negative regulator of adipose tissue browning in mice and humans. <i>Diabetologia</i> , 2016, 59, 2208-2218.	6.3	41
186	Moderate-Vigorous Physical Activity across Body Mass Index in Females: Moderating Effect of Endocannabinoids and Temperament. <i>PLoS ONE</i> , 2014, 9, e104534.	2.5	41
187	Maternal soluble tumour necrosis factor receptor type 2 (sTNFR2) and adiponectin are both related to blood pressure during gestation and infant's birthweight. <i>Clinical Endocrinology</i> , 2004, 61, 544-552.	2.4	40
188	Human serum levels of fetal antigen 1 (FA1/Dlk1) increase with obesity, are negatively associated with insulin sensitivity and modulate inflammation in vitro. <i>International Journal of Obesity</i> , 2008, 32, 1122-1129.	3.4	40
189	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, 865-872.	3.4	40
190	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.	3.6	40
191	Circulating microRNA profile as a potential biomarker for obstructive sleep apnea diagnosis. <i>Scientific Reports</i> , 2019, 9, 13456.	3.3	40
192	Smoking, fat mass and activation of the tumor necrosis factor- α pathway. <i>International Journal of Obesity</i> , 2003, 27, 1552-1556.	3.4	39
193	Subcutaneous Fat Shows Higher Thyroid Hormone Receptor α 1 Gene Expression Than Omental Fat. <i>Obesity</i> , 2009, 17, 2134-2141.	3.0	39
194	Attenuated metabolism is a hallmark of obesity as revealed by comparative proteomic analysis of human omental adipose tissue. <i>Journal of Proteomics</i> , 2012, 75, 783-795.	2.4	39
195	No Decrease in Free IGF α 1 with Increasing Insulin in Obesity-Related Insulin Resistance. <i>Obesity</i> , 2001, 9, 631-636.	4.0	38
196	Protection from inflammatory disease in insulin resistance: the role of mannan-binding lectin. <i>Diabetologia</i> , 2006, 49, 2402-2411.	6.3	38
197	Critical assessment of the current guidelines for the management and treatment of morbidly obese patients. <i>Journal of Endocrinological Investigation</i> , 2007, 30, 844-852.	3.3	38
198	Surfactant Protein D, a Marker of Lung Innate Immunity, Is Positively Associated With Insulin Sensitivity. <i>Diabetes Care</i> , 2010, 33, 847-853.	8.6	38

#	ARTICLE	IF	CITATIONS
199	Neuroinflammation in obesity: circulating lipopolysaccharide-binding protein associates with brain structure and cognitive performance. <i>International Journal of Obesity</i> , 2017, 41, 1627-1635.	3.4	38
200	Circulating IL-18 concentration is associated with insulin sensitivity and glucose tolerance through increased fat-free mass. <i>Diabetologia</i> , 2005, 48, 1841-1843.	6.3	37
201	Inverse relation between FASN expression in human adipose tissue and the insulin resistance level. <i>Nutrition and Metabolism</i> , 2010, 7, 3.	3.0	37
202	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, 1673-1683.	3.3	37
203	The association of biomarkers of iron status with peripheral arterial disease in US adults. <i>BMC Cardiovascular Disorders</i> , 2009, 9, 34.	1.7	36
204	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, 1266-1275.	4.2	36
205	Loss of Control over Eating: A Description of the Eating Disorder/Obesity Spectrum in Women. <i>European Eating Disorders Review</i> , 2014, 22, 25-31.	4.1	36
206	Orexin and sleep quality in anorexia nervosa: Clinical relevance and influence on treatment outcome. <i>Psychoneuroendocrinology</i> , 2016, 65, 102-108.	2.7	36
207	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.	6.3	36
208	C282Y and H63D mutations of the hemochromatosis candidate gene in type 2 diabetes. <i>Diabetes Care</i> , 1999, 22, 525-526.	8.6	35
209	Circulating soluble CD36 is associated with glucose metabolism and interleukin-6 in glucose-intolerant men. <i>Diabetes and Vascular Disease Research</i> , 2009, 6, 15-20.	2.0	35
210	Plasma ANGPTL4 is Associated with Obesity and Glucose Tolerance: Cross-sectional and Longitudinal Findings. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800060.	3.3	35
211	Peroxisome Proliferator-Activated Receptor β 2 Controls the Rate of Adipose Tissue Lipid Storage and Determines Metabolic Flexibility. <i>Cell Reports</i> , 2018, 24, 2005-2012.e7.	6.4	35
212	Iron and Obesity Status-Associated Insulin Resistance Influence Circulating Fibroblast-Growth Factor-23 Concentrations. <i>PLoS ONE</i> , 2013, 8, e58961.	2.5	35
213	Leptin is involved in gender-related differences in insulin sensitivity. <i>Clinical Endocrinology</i> , 1998, 49, 505-511.	2.4	34
214	A Polymorphism in the 5' Untranslated Region of the Gene for Tumor Necrosis Factor Receptor 2 Modulates Reporter Gene Expression. <i>Endocrinology</i> , 2005, 146, 2210-2220.	2.8	34
215	Alpha Defensins 1, 2, and 3. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1166-1171.	2.4	34
216	Salicylates Increase Insulin Secretion in Healthy Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2523-2530.	3.6	34

#	ARTICLE	IF	CITATIONS
217	Adipocyte Fatty Acid-binding Protein as a Determinant of Insulin Sensitivity in Morbidly Obese Women. <i>Obesity</i> , 2009, 17, 1124-1128.	3.0	34
218	Decreased STAMP2 Expression in Association with Visceral Adipose Tissue Dysfunction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1816-E1825.	3.6	34
219	Irisin, the metabolic syndrome and follistatin in humans. <i>Nature Reviews Endocrinology</i> , 2014, 10, 11-12.	9.6	34
220	Decision Making Impairment: A Shared Vulnerability in Obesity, Gambling Disorder and Substance Use Disorders?. <i>PLoS ONE</i> , 2016, 11, e0163901.	2.5	34
221	Plasma oestrone-fatty acid ester levels are correlated with body fat mass in humans. <i>Clinical Endocrinology</i> , 1999, 50, 253-260.	2.4	33
222	Co-occurrence of non-suicidal self-injury and impulsivity in extreme weight conditions. <i>Personality and Individual Differences</i> , 2013, 54, 137-140.	2.9	33
223	Low-grade Inflammatory Marker Profile May Help to Differentiate Patients With LADA, Classic Adult-Onset Type 1 Diabetes, and Type 2 Diabetes. <i>Diabetes Care</i> , 2018, 41, 862-868.	8.6	33
224	An Inflammation Score Is Better Associated with Basal than Stimulated Surrogate Indexes of Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 112-116.	3.6	32
225	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, 487-499.	3.4	32
226	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.	3.0	32
227	Decreased RB1 mRNA, Protein, and Activity Reflect Obesity-Induced Altered Adipogenic Capacity in Human Adipose Tissue. <i>Diabetes</i> , 2013, 62, 1923-1931.	0.6	32
228	The gut mycobiome composition is linked to carotid atherosclerosis. <i>Beneficial Microbes</i> , 2018, 9, 185-198.	2.4	32
229	Central nicotine induces browning through hypothalamic μ opioid receptor. <i>Nature Communications</i> , 2019, 10, 4037.	12.8	32
230	Natural antibiotics and insulin sensitivity: the role of bactericidal/permeability-increasing protein. <i>Diabetes</i> , 2006, 55, 216-24.	0.6	32
231	A Method for the Measurement of Plasma Estrone Fatty Ester Levels. <i>Analytical Biochemistry</i> , 1997, 249, 247-250.	2.4	31
232	Study of the effect of changing glucose, insulin, and insulin-like growth factor-I levels on serum corticosteroid binding globulin in lean, obese, and obese subjects with glucose intolerance. <i>Metabolism: Clinical and Experimental</i> , 2001, 50, 1248-1252.	3.4	31
233	A Lower Olfactory Capacity Is Related to Higher Circulating Concentrations of Endocannabinoid 2-Arachidonoylglycerol and Higher Body Mass Index in Women. <i>PLoS ONE</i> , 2016, 11, e0148734.	2.5	31
234	Obesity-associated deficits in inhibitory control are phenocopied to mice through gut microbiota changes in one-carbon and aromatic amino acids metabolic pathways. <i>Gut</i> , 2021, 70, 2283-2296.	12.1	31

#	ARTICLE	IF	CITATIONS
235	Both intrauterine growth restriction and postnatal growth influence childhood serum concentrations of adiponectin. <i>Clinical Endocrinology</i> , 2004, 61, 339-346.	2.4	30
236	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, 482-488.	3.0	30
237	The association of biomarkers of iron status with mortality in US adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 734-740.	2.6	30
238	Lactoferrin gene knockdown leads to similar effects to iron chelation in human adipocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 391-395.	3.6	30
239	Changes in Body Composition in Anorexia Nervosa: Predictors of Recovery and Treatment Outcome. <i>PLoS ONE</i> , 2015, 10, e0143012.	2.5	30
240	The tyrosine kinase receptor HER2 (erbB2): From oncogenesis to adipogenesis. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 1147-1152.	2.6	29
241	Study of Circulating Prohepcidin in Association with Insulin Sensitivity and Changing Iron Stores. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 982-988.	3.6	29
242	Proadipogenic effects of lactoferrin in human subcutaneous and visceral preadipocytes. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 1143-1149.	4.2	29
243	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. <i>Cerebral Cortex</i> , 2021, 31, 2466-2481.	2.9	29
244	Modulation of the Endocannabinoids N-Arachidonylethanolamine (AEA) and 2-Arachidonoylglycerol (2-AG) on Executive Functions in Humans. <i>PLoS ONE</i> , 2013, 8, e66387.	2.5	29
245	Modulation of Higher-Order Olfaction Components on Executive Functions in Humans. <i>PLoS ONE</i> , 2015, 10, e0130319.	2.5	29
246	Pituitary Apoplexy Into Nonadenomatous Tissue: Case Report and Review. <i>American Journal of the Medical Sciences</i> , 1995, 310, 68-70.	1.1	28
247	The fat-free mass compartment influences serum leptin in men. <i>European Journal of Endocrinology</i> , 2000, 142, 25-29.	3.7	28
248	Corticosteroid-binding globulin affects the relationship between circulating adiponectin and cortisol in men and women. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 584-589.	3.4	28
249	Lipopolysaccharide binding protein is an adipokine involved in the resilience of the mouse adipocyte to inflammation. <i>Diabetologia</i> , 2015, 58, 2424-2434.	6.3	28
250	Cytosolic aconitase activity sustains adipogenic capacity of adipose tissue connecting iron metabolism and adipogenesis. <i>FASEB Journal</i> , 2015, 29, 1529-1539.	0.5	28
251	Neuregulin 4 Is a Novel Marker of Beige Adipocyte Precursor Cells in Human Adipose Tissue. <i>Frontiers in Physiology</i> , 2019, 10, 39.	2.8	28
252	G Protein $\beta 3$ Gene Variant, Vascular Function, and Insulin Sensitivity in Type 2 Diabetes. <i>Hypertension</i> , 2003, 41, 124-129.	2.7	27

#	ARTICLE	IF	CITATIONS
253	Genetic Predispositions to Low-Grade Inflammation and Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2006, 8, 55-66.	4.4	27
254	Circulating soluble CD36 is a novel marker of liver injury in subjects with altered glucose tolerance. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 477-484.	4.2	27
255	Characterization of Herpes Virus Entry Mediator as a Factor Linked to Obesity. <i>Obesity</i> , 2010, 18, 239-246.	3.0	27
256	Modulation of Irisin and Physical Activity on Executive Functions in Obesity and Morbid obesity. <i>Scientific Reports</i> , 2016, 6, 30820.	3.3	27
257	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. <i>European Journal of Endocrinology</i> , 2017, 176, 393-404.	3.7	27
258	Circulating Surfactant Protein A (SP-A), a Marker of Lung Injury, Is Associated With Insulin Resistance. <i>Diabetes Care</i> , 2008, 31, 958-963.	8.6	26
259	Low Serum Mannose-Binding Lectin as a Risk Factor for New Onset Diabetes Mellitus After Renal Transplantation. <i>Transplantation</i> , 2009, 88, 272-278.	1.0	26
260	Circulating osteocalcin concentrations are associated with parameters of liver fat infiltration and increase in parallel to decreased liver enzymes after weight loss. <i>Osteoporosis International</i> , 2010, 21, 2101-2107.	3.1	26
261	<i>Transferrin receptor 1</i> gene polymorphisms are associated with type 2 diabetes. <i>European Journal of Clinical Investigation</i> , 2010, 40, 600-607.	3.4	26
262	Polymerase I and transcript release factor (PTRF) regulates adipocyte differentiation and determines adipose tissue expandability. <i>FASEB Journal</i> , 2014, 28, 3769-3779.	0.5	26
263	Enduring Changes in Decision Making in Patients with Full Remission from Anorexia Nervosa. <i>European Eating Disorders Review</i> , 2016, 24, 523-527.	4.1	26
264	Hepatic iron content is independently associated with serum hepcidin levels in subjects with obesity. <i>Clinical Nutrition</i> , 2017, 36, 1434-1439.	5.0	26
265	An Epigenetic Signature in Adipose Tissue Is Linked to Nicotinamide N-methyltransferase Gene Expression. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700933.	3.3	26
266	Reduced Plasma Orexin-A Concentrations are Associated with Cognitive Deficits in Anorexia Nervosa. <i>Scientific Reports</i> , 2019, 9, 7910.	3.3	26
267	LIGHT is associated with hypertriglyceridemia in obese subjects and increased cytokine secretion from cultured human adipocytes. <i>International Journal of Obesity</i> , 2010, 34, 146-156.	3.4	25
268	Uncovering Suitable Reference Proteins for Expression Studies in Human Adipose Tissue with Relevance to Obesity. <i>PLoS ONE</i> , 2012, 7, e30326.	2.5	25
269	Lean mass, and not fat mass, is an independent determinant of carotid intima media thickness in obese subjects. <i>Atherosclerosis</i> , 2015, 243, 493-498.	0.8	25
270	Metabolomics uncovers the role of adipose tissue PDXK in adipogenesis and systemic insulin sensitivity. <i>Diabetologia</i> , 2016, 59, 822-832.	6.3	25

#	ARTICLE	IF	CITATIONS
271	Deletion of iRhom2 protects against diet-induced obesity by increasing thermogenesis. <i>Molecular Metabolism</i> , 2020, 31, 67-84.	6.5	25
272	Bone mineral mass is associated with interleukin 1 receptor autoantigen and TNF- α gene polymorphisms in post-menopausal Mediterranean women. <i>Journal of Endocrinological Investigation</i> , 2002, 25, 684-690.	3.3	24
273	Tackling the human adipose tissue proteome to gain insight into obesity and related pathologies. <i>Expert Review of Proteomics</i> , 2009, 6, 353-361.	3.0	24
274	Osteocalcin: a new link between bone and energy metabolism. Some evolutionary clues. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011, 14, 360-366.	2.5	24
275	ITCH Deficiency Protects From Diet-Induced Obesity. <i>Diabetes</i> , 2014, 63, 550-561.	0.6	24
276	MicroRNA-221-3p Regulates Angiopoietin-Like 8 (ANGPTL8) Expression in Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4001-4012.	3.6	24
277	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.	3.2	24
278	BMP8 and activated brown adipose tissue in human newborns. <i>Nature Communications</i> , 2021, 12, 5274.	12.8	24
279	Tuberculous Addison's disease. Utility of CT in diagnosis and follow-up. <i>European Journal of Radiology</i> , 1993, 17, 210-213.	2.6	23
280	β 3-adrenoreceptor gene polymorphism and leptin. Lack of relationship in type 2 diabetic patients. <i>Clinical Endocrinology</i> , 1998, 49, 679-683.	2.4	23
281	Platelet count and Interleukin 6 Gene polymorphism in healthy subjects. <i>BMC Medical Genetics</i> , 2001, 2, 6.	2.1	23
282	Asymptomatic bilateral adrenal pheochromocytoma in a patient with a germline V804M mutation in the RET proto-oncogene. <i>Clinical Endocrinology</i> , 2007, 67, 29-33.	2.4	23
283	CISD1 in association with obesity-associated dysfunctional adipogenesis in human visceral adipose tissue. <i>Obesity</i> , 2016, 24, 139-147.	3.0	23
284	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, 1282-1289.	3.6	23
285	The Rab11 Effector Protein FIP1 Regulates Adiponectin Trafficking and Secretion. <i>PLoS ONE</i> , 2013, 8, e74687.	2.5	23
286	Insulin sensitivity and secretion influence the relationship between growth hormone-binding-protein and leptin. <i>Clinical Endocrinology</i> , 2000, 52, 159-164.	2.4	22
287	AMPK-sensed cellular energy state regulates the release of extracellular Fatty Acid Synthase. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 488-493.	2.1	22
288	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.	1.9	22

#	ARTICLE	IF	CITATIONS
289	Liver, but not adipose tissue PEDF gene expression is associated with insulin resistance. <i>International Journal of Obesity</i> , 2013, 37, 1230-1237.	3.4	22
290	Inflammation in Adipose Tissue and Fatty Acid Anabolism: When Enough is Enough!. <i>Hormone and Metabolic Research</i> , 2013, 45, 1009-1019.	1.5	22
291	Inflammation and insulin resistance exert dual effects on adipose tissue tumor protein 53 expression. <i>International Journal of Obesity</i> , 2014, 38, 737-745.	3.4	22
292	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.	6.1	22
293	Plasma Total and Glycosylated Corticosteroid-Binding Globulin Levels Are Associated with Insulin Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3192-3196.	3.6	22
294	Human subcutaneous adipose tissue LPIN1 expression in obesity, type 2 diabetes mellitus, and human immunodeficiency virus-associated lipodystrophy syndrome. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1518-1526.	3.4	21
295	Gender dimorphism in body composition abnormalities in acromegaly: males are more affected than females. <i>European Journal of Endocrinology</i> , 2008, 159, 773-779.	3.7	21
296	Circulating Tryptase as a Marker for Subclinical Atherosclerosis in Obese Subjects. <i>PLoS ONE</i> , 2014, 9, e97014.	2.5	21
297	Adipose Tissue and Serum CCDC80 in Obesity and Its Association with Related Metabolic Disease. <i>Molecular Medicine</i> , 2017, 23, 225-234.	4.4	21
298	The insulin resistance syndrome and the binding capacity of cortisol binding globulin (CBG) in men and women. <i>Clinical Endocrinology</i> , 2000, 52, 93-99.	2.4	20
299	Antimicrobial-Sensing Proteins in Obesity and Type 2 Diabetes. <i>Diabetes Care</i> , 2011, 34, S335-S341.	8.6	20
300	Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity. <i>Obesity</i> , 2017, 25, 1723-1733.	3.0	20
301	Nicotine™ actions on energy balance: Friend or foe?. , 2021, 219, 107693.		20
302	Safety and Feasibility of the PEPPER Adaptive Bolus Advisor and Safety System: A Randomized Control Study. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 175-186.	4.4	20
303	Giant intrasellar aneurysm presenting with panhypopituitarism and subarachnoid hemorrhage: case report and literature review. <i>The Clinical Investigator</i> , 1994, 72, 302-6.	0.6	19
304	Fatty acid synthase activity regulates HER2 extracellular domain shedding into the circulation of HER2-positive metastatic breast cancer patients. <i>International Journal of Oncology</i> , 2009, 35, 1369-76.	3.3	19
305	Environmental and Genetic Factors Influence the Relationship Between Circulating IL-10 and Obesity Phenotypes. <i>Obesity</i> , 2010, 18, 611-618.	3.0	19
306	Common Genetic Variants of Surfactant Protein-D (SP-D) Are Associated with Type 2 Diabetes. <i>PLoS ONE</i> , 2013, 8, e60468.	2.5	19

#	ARTICLE	IF	CITATIONS
307	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, 2460-2470.	3.3	19
308	Physical activity in anorexia nervosa: How relevant is it to therapy response?. <i>European Psychiatry</i> , 2015, 30, 924-931.	0.2	19
309	Adiponectin is independently associated with glycosylated haemoglobin. <i>European Journal of Endocrinology</i> , 2004, 150, 201-205.	3.7	18
310	Tumour necrosis factor receptors (TNFRs) in Type 2 diabetes. Analysis of soluble plasma fractions and genetic variations of TNFR2 gene in a case-control study. <i>Diabetic Medicine</i> , 2005, 22, 387-392.	2.3	18
311	Recomendaciones para la detección, diagnóstico y seguimiento de los pacientes con enfermedad por hígado graso no alcohólico en atención primaria y hospitalaria. <i>Medicina Clínica</i> , 2019, 153, 169-177.	0.6	18
312	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111257.	4.6	18
313	FGF15/19 is required for adipose tissue plasticity in response to thermogenic adaptations. <i>Molecular Metabolism</i> , 2021, 43, 101113.	6.5	18
314	Activation of Endogenous H ₂ S Biosynthesis or Supplementation with Exogenous H ₂ S Enhances Adipose Tissue Adipogenesis and Preserves Adipocyte Physiology in Humans. Antioxidants and Redox Signaling, 2021, 35, 319-340.	5.4	18
315	Breast Cancer 1 (BrCa1) May Be behind Decreased Lipogenesis in Adipose Tissue from Obese Subjects. <i>PLoS ONE</i> , 2012, 7, e33233.	2.5	18
316	Impact of COVID-19 Lockdown in Eating Disorders: A Multicentre Collaborative International Study. <i>Nutrients</i> , 2022, 14, 100.	4.1	18
317	The relation between thyroid function and nutritional status in HIV-infected patients. <i>Clinical Endocrinology</i> , 1996, 44, 53-58.	2.4	17
318	Lower cortisol levels after oral glucose in subjects with insulin resistance and abdominal obesity. <i>Clinical Endocrinology</i> , 1997, 47, 583-588.	2.4	17
319	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, 1532-1538.	3.4	17
320	DBC1 is involved in adipocyte inflammation and is a possible marker of human adipose tissue senescence. <i>Obesity</i> , 2015, 23, 519-522.	3.0	17
321	Bariatric surgery acutely changes the expression of inflammatory and lipogenic genes in obese adipose tissue. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 357-362.	1.2	17
322	Identification and validation of circulating miRNAs as endogenous controls in obstructive sleep apnea. <i>PLoS ONE</i> , 2019, 14, e0213622.	2.5	17
323	Regulation of adipogenic differentiation and adipose tissue inflammation by interferon regulatory factor 3. <i>Cell Death and Differentiation</i> , 2021, 28, 3022-3035.	11.2	17
324	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.	2.5	17

#	ARTICLE	IF	CITATIONS
325	The TNF- β Gene Nco I Polymorphism Is Not Associated with Hypertriglyceridemia or Insulin Resistance in Lean and Obese Subjects. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 829-832.	2.1	16
326	Sporadic heteroplasmic single 5.5 Kb mitochondrial DNA deletion associated with cerebellar ataxia, hypogonadotropic hypogonadism, choroidal dystrophy, and mitochondrial respiratory chain complex I deficiency. <i>Human Mutation</i> , 1997, 10, 212-216.	2.5	16
327	Serum Ferritin Concentrations Are Not Modified in the Acute Phase of Ischemic Stroke. <i>Stroke</i> , 1998, 29, 258-260.	2.0	16
328	Plasma soluble tumor necrosis factor-alpha receptors circulate in proportion to leptin levels during the menstrual cycle in lean but not in obese women. <i>European Journal of Endocrinology</i> , 2000, 143, 235-241.	3.7	16
329	Opposite relationship between circulating soluble CD14 concentration and endothelial function in diabetic and nondiabetic subjects. <i>Thrombosis and Haemostasis</i> , 2005, 94, 615-619.	3.4	16
330	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, 1682-1689.	2.1	16
331	Circulating glucagon is associated with inflammatory mediators in metabolically compromised subjects. <i>European Journal of Endocrinology</i> , 2011, 165, 639-645.	3.7	16
332	Thyroid hormone receptor alpha gene variants increase the risk of developing obesity and show gene-diet interactions. <i>International Journal of Obesity</i> , 2013, 37, 1499-1505.	3.4	16
333	Nonalcoholic fatty liver disease and age are strong indicators for atherosclerosis in morbid obesity. <i>Clinical Endocrinology</i> , 2015, 83, 180-186.	2.4	16
334	Circulating Soluble CD36 is Similar in Type 1 and Type 2 Diabetes Mellitus versus Non-Diabetic Subjects. <i>Journal of Clinical Medicine</i> , 2019, 8, 710.	2.4	16
335	Comparative and functional analysis of plasma membrane-derived extracellular vesicles from obese vs. nonobese women. <i>Clinical Nutrition</i> , 2020, 39, 1067-1076.	5.0	16
336	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.	5.0	16
337	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance. <i>Nature Metabolism</i> , 2022, 4, 476-494.	11.9	16
338	The ACAA-insertion/deletion polymorphism at the 3' UTR of the IGF-II receptor gene is associated with type 2 diabetes and surrogate markers of insulin resistance. <i>European Journal of Endocrinology</i> , 2006, 155, 331-336.	3.7	15
339	Val1483Ile in <i>FASN</i> Gene Is Linked to Central Obesity and Insulin Sensitivity in Adult White Men. <i>Obesity</i> , 2009, 17, 1755-1761.	3.0	15
340	The alarm secretory leukocyte protease inhibitor increases with progressive metabolic dysfunction. <i>Clinica Chimica Acta</i> , 2011, 412, 1122-1126.	1.1	15
341	Targeting the association of calgranulin B (S100A9) with insulin resistance and type 2 diabetes. <i>Journal of Molecular Medicine</i> , 2013, 91, 523-534.	3.9	15
342	Effects of biliopancreatic diversion on diurnal leptin, insulin and free fatty acid levels. <i>British Journal of Surgery</i> , 2015, 102, 682-690.	0.3	15

#	ARTICLE	IF	CITATIONS
343	Soluble transferrin receptor levels are positively associated with insulin resistance but not with the metabolic syndrome or its individual components. <i>British Journal of Nutrition</i> , 2016, 116, 1165-1174.	2.3	15
344	TSHB mRNA is linked to cholesterol metabolism in adipose tissue. <i>FASEB Journal</i> , 2017, 31, 4482-4491.	0.5	15
345	Lower rate of tumor necrosis factor- β Δ 863A allele and higher concentration of tumor necrosis factor- β receptor 2 in first-degree relatives of subjects with type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 1068-1071.	3.4	14
346	Different TNF β expression elicited by glucose in monocytes from type 2 diabetes mellitus patients. <i>Atherosclerosis</i> , 2007, 194, e18-e25.	0.8	14
347	Circulating soluble transferrin receptor concentration decreases after exercise-induced improvement of insulin sensitivity in obese individuals. <i>International Journal of Obesity</i> , 2009, 33, 768-774.	3.4	14
348	LIPOPOLYSACCHARIDE-BINDING PROTEIN AND SOLUBLE CD14 IN THE VITREOUS FLUID OF PATIENTS WITH PROLIFERATIVE DIABETIC RETINOPATHY. <i>Retina</i> , 2010, 30, 345-352.	1.7	14
349	Serum Ferritin Relates to Carotid Intima-Media Thickness in Offspring of Fathers With Higher Serum Ferritin Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 174-180.	2.4	14
350	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.	1.6	14
351	Exploration of the microbiota and metabolites within body fluids could pinpoint novel disease mechanisms. <i>FEBS Journal</i> , 2020, 287, 856-865.	4.7	14
352	Adipocyte Differentiation. , 2017, , 69-90.		14
353	Serum ferritin and incident cardiometabolic diseases in Scottish adults. <i>Cardiovascular Diabetology</i> , 2022, 21, 26.	6.8	14
354	The tumour necrosis factor (TNF)-alpha-308GA promoter polymorphism is related to prenatal growth and postnatal insulin resistance. <i>Clinical Endocrinology</i> , 2006, 64, 129-135.	2.4	13
355	An alternative spliced variant of circulating soluble tumor necrosis factor- β receptor-2 is paradoxically associated with insulin action. <i>European Journal of Endocrinology</i> , 2006, 154, 723-730.	3.7	13
356	Serum HER-2 concentration is associated with insulin resistance and decreases after weight loss. <i>Nutrition and Metabolism</i> , 2010, 7, 14.	3.0	13
357	Breath gas concentrations mirror exposure to sevoflurane and isopropyl alcohol in hospital environments in non-occupational conditions. <i>Journal of Breath Research</i> , 2016, 10, 016001.	3.0	13
358	Comparison of Outcomes between Obese and Nonobese Patients in Laparoscopic Adrenalectomy: A Cohort Study. <i>Digestive Surgery</i> , 2021, 38, 237-246.	1.2	13
359	Familial papillary thyroid microcarcinoma. <i>Lancet, The</i> , 1999, 353, 1973-1974.	13.7	12
360	Reduced circulating levels of sTWEAK are associated with NAFLD and may affect hepatocyte triglyceride accumulation. <i>International Journal of Obesity</i> , 2016, 40, 1337-1345.	3.4	12

#	ARTICLE	IF	CITATIONS
361	Adipocyte lipopolysaccharide binding protein (<sc>LBP</sc>) is linked to a specific lipidomic signature. <i>Obesity</i> , 2017, 25, 391-400.	3.0	12
362	LncRNAs in Adipose Tissue from Obese and Insulin-Resistant Subjects: New Targets for Therapy?. <i>EBioMedicine</i> , 2018, 30, 10-11.	6.1	12
363	Decreased iron stores are associated with cardiovascular disease in patients with type 2 diabetes both cross-sectionally and longitudinally. <i>Atherosclerosis</i> , 2018, 272, 193-199.	0.8	12
364	Hydrogen sulfide impacts on inflammation-induced adipocyte dysfunction. <i>Food and Chemical Toxicology</i> , 2019, 131, 110543.	3.6	12
365	Permanent cystathionine- β -Synthase 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.	9.0	12
366	Adipose tissue knockdown of lysozyme reduces local inflammation and improves adipogenesis in high-fat diet-fed mice. <i>Pharmacological Research</i> , 2021, 166, 105486.	7.1	12
367	Increased prothrombin fragment 1+2 and D-dimer in first-degree relatives of type 2 diabetic patients. <i>Acta Diabetologica</i> , 1996, 33, 118-121.	2.5	11
368	Potential Role of Interleukin-18 in Liver Disease Associated with Insulin Resistance. <i>Obesity</i> , 2005, 13, 1925-1931.	4.0	11
369	Association of <i>ADIPOR2</i> With Liver Function Tests in Type 2 Diabetic Subjects. <i>Obesity</i> , 2008, 16, 2308-2313.	3.0	11
370	Insulin Resistance Is Associated With Decreased Circulating Mannan-Binding Lectin Concentrations in Women With Polycystic Ovary Syndrome. <i>Diabetes Care</i> , 2008, 31, e20-e20.	8.6	11
371	Role of diabetes- and obesity-related protein in the regulation of osteoblast differentiation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E40-E48.	3.5	11
372	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.	3.2	11
373	Interaction Between Orexin-1A and Sleep Quality in Females in Extreme Weight Conditions. <i>European Eating Disorders Review</i> , 2016, 24, 510-517.	4.1	11
374	Thyroid Hormone Receptors Are Differentially Expressed in Granulosa and Cervical Cells of Infertile Women. <i>Thyroid</i> , 2016, 26, 466-473.	4.5	11
375	Activation of Hypothalamic <sc>AMP-Activated</sc> Protein Kinase Ameliorates Metabolic Complications of Experimental Arthritis. <i>Arthritis and Rheumatology</i> , 2022, 74, 212-222.	5.6	11
376	Hyponatremia and Benzodiazepines Result in Rhabdomyolysis. <i>Annals of Pharmacotherapy</i> , 1994, 28, 1200-1201.	1.9	10
377	Circulating Soluble CD14 Monocyte Receptor Is Associated with Increased Alanine Aminotransferase. <i>Clinical Chemistry</i> , 2004, 50, 1456-1458.	3.2	10
378	Differential regulation of insulin action and tumor necrosis factor β system activity by metformin. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 235-239.	3.4	10

#	ARTICLE	IF	CITATIONS
379	Contrasting association of circulating sCD14 with insulin sensitivity in non-obese and morbidly obese subjects. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 103-109.	3.3	10
380	Increased adipose tissue heme levels and exportation are associated with altered systemic glucose metabolism. <i>Scientific Reports</i> , 2017, 7, 5305.	3.3	10
381	Carnosine supplementation reduces plasma soluble transferrin receptor in healthy overweight or obese individuals: a pilot randomised trial. <i>Amino Acids</i> , 2019, 51, 73-81.	2.7	10
382	Iron Status and Metabolically Unhealthy Obesity in Prepubertal Children. <i>Obesity</i> , 2019, 27, 636-644.	3.0	10
383	Adipose tissue TSH as a new modulator of human adipocyte mitochondrial function. <i>International Journal of Obesity</i> , 2019, 43, 1611-1619.	3.4	10
384	MicroRNA Profile of Cardiovascular Risk in Patients with Obstructive Sleep Apnea. <i>Respiration</i> , 2020, 99, 1122-1128.	2.6	10
385	Impaired mRNA splicing and proteostasis in preadipocytes in obesity-related metabolic disease. <i>ELife</i> , 2021, 10, .	6.0	10
386	miRNA signatures associated with vulnerability to food addiction in mice and humans. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	10
387	Presence of <i>Blastocystis</i> in gut microbiota is associated with cognitive traits and decreased executive function. <i>ISME Journal</i> , 2022, 16, 2181-2197.	9.8	10
388	GH secretion status in myotonic dystrophy. <i>Psychoneuroendocrinology</i> , 1993, 18, 183-190.	2.7	9
389	Índice de masa corporal (IMC) y porcentaje de masa grasa: un IMC mayor de 27,5 kg/m ² podría suponer obesidad en la población española. <i>Medicina Clínica</i> , 2001, 117, 681-684.	0.6	9
390	An alternatively spliced soluble TNF- α receptor is associated with metabolic disorders A replication study. <i>Clinical Immunology</i> , 2006, 121, 236-241.	3.2	9
391	Circulating bactericidal/permeability-increasing protein (BPI) is associated with serum lipids and endothelial function. <i>Thrombosis and Haemostasis</i> , 2010, 103, 780-787.	3.4	9
392	Ferritin levels throughout childhood and metabolic syndrome in adolescent stage. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 268-278.	2.6	9
393	Glycated Hemoglobin, but not Insulin Sensitivity, is Associated with Memory in Subjects with Obesity. <i>Obesity</i> , 2019, 27, 932-942.	3.0	9
394	Combining metabolic profiling of plasma and faeces as a fingerprint of insulin resistance in obesity. <i>Clinical Nutrition</i> , 2020, 39, 2292-2300.	5.0	9
395	Morbidly obese subjects show increased serum sulfide in proportion to fat mass. <i>International Journal of Obesity</i> , 2021, 45, 415-426.	3.4	9
396	Adipose tissue and blood leukocytes ACE2 DNA methylation in obesity and after weight loss. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13685.	3.4	9

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397	Olfactomedin 2 deficiency protects against diet-induced obesity. <i>Metabolism: Clinical and Experimental</i> , 2022, 129, 155122.	3.4	9
398	A microRNA Cluster Controls Fat Cell Differentiation and Adipose Tissue Expansion By Regulating SNCG. <i>Advanced Science</i> , 2022, 9, 2104759.	11.2	9
399	Adipose Tissue $\frac{1}{4}$ -Crystallin Is a Thyroid Hormone-Binding Protein Associated With Systemic Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2259-E2268.	3.6	8
400	Adipose tissue $\langle \text{scp} \rangle R2 \langle / \text{scp} \rangle$ * signal is increased in subjects with obesity: A preliminary $\langle \text{scp} \rangle \text{MRI} \langle / \text{scp} \rangle$ study. <i>Obesity</i> , 2016, 24, 352-358.	3.0	8
401	The effect of external stimulation on functional networks in the aging healthy human brain. <i>Cerebral Cortex</i> , 2022, 33, 235-245.	2.9	8
402	Bidirectional relationships between the gut microbiome and sexual traits. <i>American Journal of Physiology - Cell Physiology</i> , 2022, , .	4.6	8
403	Insulin response to intravenous glucose correlates with plasma levels of the tumor necrosis factor receptor-1. <i>Diabetes Care</i> , 1999, 22, 868-870.	8.6	7
404	Circulating granulocyte-macrophage colony-stimulating factor and serum fatty acid composition in men and women. <i>Metabolism: Clinical and Experimental</i> , 2001, 50, 1479-1483.	3.4	7
405	Insulin-Like Growth Factor Binding Protein-Related Protein 1 (IGFBP-rP1/MAC25) Is Linked to Endothelial-Dependent Vasodilation in High-Ferritin Type 2 Diabetes. <i>Diabetes Care</i> , 2007, 30, 1615-1617.	8.6	7
406	Decrease in FASN Expression in Adipose Tissue of Hypertensive Individuals. <i>American Journal of Hypertension</i> , 2009, 22, 1258-1262.	2.0	7
407	Adipose Tissue Expansion by Overfeeding Healthy Men Alters Iron Gene Expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 688-696.	3.6	7
408	The APOA1 $\text{bp} \hat{a} \text{€} \text{“SREBF} \hat{a} \text{€} \text{“NOTCH}$ axis is associated with reduced atherosclerosis risk in morbidly obese patients. <i>Clinical Nutrition</i> , 2020, 39, 3408-3418.	5.0	7
409	Weight loss normalizes enhanced expression of the oncogene survivin in visceral adipose tissue and blood leukocytes from individuals with obesity. <i>International Journal of Obesity</i> , 2021, 45, 206-216.	3.4	7
410	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.	4.1	7
411	Neuregulin 4 Downregulation Induces Insulin Resistance in 3T3-L1 Adipocytes through Inflammation and Autophagic Degradation of GLUT4 Vesicles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12960.	4.1	7
412	Transdiagnostic Perspective of Impulsivity and Compulsivity in Obesity: From Cognitive Profile to Self-Reported Dimensions in Clinical Samples with and without Diabetes. <i>Nutrients</i> , 2021, 13, 4426.	4.1	7
413	Primary Hypothyroidism and Concomitant Bilateral Ovarian Masses. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 1995, 8, 263-6.	0.9	6
414	The possible role of antimicrobial proteins in obesity-associated immunologic alterations. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 855-866.	3.0	6

#	ARTICLE	IF	CITATIONS
415	Ferroportin mRNA is down-regulated in granulosa and cervical cells from infertile women. <i>Fertility and Sterility</i> , 2017, 107, 236-242.	1.0	6
416	Cytoskeletal transgelin 2 contributes to gender-dependent adipose tissue expandability and immune function. <i>FASEB Journal</i> , 2019, 33, 9656-9671.	0.5	6
417	Bariatric Surgery-induced Changes in Intima-Media Thickness and Cardiovascular Risk Factors in Class 3 Obesity: A 3-Year Follow-Up Study. <i>Obesity</i> , 2020, 28, 1663-1670.	3.0	6
418	Low AMY1 Copy Number Is Cross-Sectionally Associated to an Inflammation-Related Lipidomics Signature in Overweight and Obese Individuals. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1901151.	3.3	6
419	Factors associated with prolonged hospital stay after laparoscopic adrenalectomy. <i>Updates in Surgery</i> , 2021, 73, 693-702.	2.0	6
420	Expression of ICAM-1 in distant metastatic thyroid carcinoma. <i>Journal of Endocrinological Investigation</i> , 1996, 19, 183-185.	3.3	5
421	Soluble TNF- α receptor 2 produced by alternative splicing is paradoxically associated with markers of liver injury. <i>Clinical Immunology</i> , 2007, 123, 89-94.	3.2	5
422	Decreased Serum Creatinine Concentration Is Associated With Short Telomeres of Adipose Tissue Cells. <i>Obesity</i> , 2011, 19, 1511-1514.	3.0	5
423	Phosphorylated S6K1 (Thr389) is a molecular adipose tissue marker of altered glucose tolerance. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 32-38.	4.2	5
424	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, 1156-1163.	3.6	5
425	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.	3.9	5
426	Circulating Hepcidin Is Independently Associated with Systolic Blood Pressure in Apparently Healthy Individuals. <i>Archives of Medical Research</i> , 2015, 46, 507-513.	3.3	5
427	Adipose TSHB in Humans and Serum TSH in Hypothyroid Rats Inform About Cellular Senescence. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 142-153.	1.6	5
428	ITCH E3 ubiquitin ligase downregulation compromises hepatic degradation of branched-chain amino acids. <i>Molecular Metabolism</i> , 2022, 59, 101454.	6.5	5
429	Blood Hemoglobin Substantially Modulates the Impact of Gender, Morbid Obesity, and Hyperglycemia on COVID-19 Death Risk: A Multicenter Study in Italy and Spain. <i>Frontiers in Endocrinology</i> , 2021, 12, 741248.	3.5	5
430	Major fetal complications in optimised pregestational diabetes mellitus. <i>Diabetologia</i> , 2000, 43, 1077-1078.	6.3	4
431	Divergent Relationships Among Soluble Tumor Necrosis Factor- α Receptors 1 and 2, Insulin Resistance, and Endothelial Function. <i>Diabetes Care</i> , 2006, 29, 1460-1461.	8.6	4
432	Back to past leeches: repeated phlebotomies and cardiovascular risk. <i>BMC Medicine</i> , 2012, 10, 53.	5.5	4

#	ARTICLE	IF	CITATIONS
433	Carotid pulse wave velocity by magnetic resonance imaging is increased in middle-aged subjects with the metabolic syndrome. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 603-612.	1.5	4
434	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, 135-141.	2.9	4
435	Nicotinamide N-methyltransferase expression decreases in iron overload, exacerbating toxicity in mouse hepatocytes. <i>Hepatology Communications</i> , 2017, 1, 803-815.	4.3	4
436	The Circulating Fatty Acid Transporter Soluble CD36 Is Not Associated with Carotid Atherosclerosis in Subjects with Type 1 and Type 2 Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2020, 9, 1700.	2.4	4
437	Subjects with detectable <i>Saccharomyces cerevisiae</i> in the gut microbiota show deficits in attention and executive function. <i>Journal of Internal Medicine</i> , 2021, 290, 740-743.	6.0	4
438	Increased prothrombin fragment 1+2 and D-dimer in first-degree relatives of type 2 diabetic patients. <i>Acta Diabetologica</i> , 1996, 33, 118-121.	2.5	4
439	Inflammation in the spotlight" clinical relevance of genetic variants affecting nuclear factor κ B and tumor necrosis factor receptor 1. <i>Annals of Translational Medicine</i> , 2017, 5, 219-219.	1.7	4
440	Specific adipose tissue Lbp 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.	5.1	4
441	The Combined Partial Knockdown of CBS and MPST Genes Induces Inflammation, Impairs Adipocyte Function-Related Gene Expression and Disrupts Protein Persulfidation in Human Adipocytes. <i>Antioxidants</i> , 2022, 11, 1095.	5.1	4
442	Hemifacial spasm and hypothyroidism. <i>Lancet, The</i> , 1993, 342, 1112.	18.7	3
443	The cause of elevated glycosylated haemoglobin concentrations in AIDS. <i>Aids</i> , 1993, 7, 1274.	2.2	3
444	Metabolic Abnormalities in Patients with Adrenal Incidentaloma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 950-951.	3.6	3
445	Sex-specific, independent associations of insulin resistance with erythrocyte sedimentation rate in apparently healthy subjects. <i>Thrombosis and Haemostasis</i> , 2007, 97, 240-244.	3.4	3
446	Deleted in breast cancer 1 plays a functional role in adipocyte differentiation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E554-E561.	3.5	3
447	Obesity status influences the relationship among serum osteocalcin, iron stores and insulin sensitivity. <i>Clinical Nutrition</i> , 2018, 37, 2091-2096.	5.0	3
448	Plasma Phospholipids with Long-Chain Polyunsaturated Fatty Acids and Dihydroceramides at the Crossroads of Iron Stores and Insulin Resistance. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1901055.	3.3	3
449	Fibroblast growth factor 23 (FGF 23) and phosphocalcic metabolism in chronic kidney disease. <i>Nefrologia</i> , 2012, 32, 647-54.	0.4	3
450	Oesophageal carcinoma presenting as isolated malignant hypercalcaemia. <i>Postgraduate Medical Journal</i> , 1994, 70, 765-766.	1.8	2

#	ARTICLE	IF	CITATIONS
451	Study on growth hormone and insulin secretion in myotonic dystrophy. <i>The Clinical Investigator</i> , 1994, 72, 508-11.	0.6	2
452	Morning cortisol levels and glucose effectiveness. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 305-307.	3.4	2
453	Placental Sprouty 2 (SPRY2): Relation to Placental Growth and Maternal Metabolic Status. <i>Neonatology</i> , 2014, 106, 120-125.	2.0	2
454	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.	3.3	2
455	The Microbiota and Energy Balance. <i>Endocrinology</i> , 2019, , 109-126.	0.1	2
456	Novel Laboratory Index, Based on Fasting Blood Parameters, Accurately Reflects Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e5208-e5221.	3.6	2
457	Novel Relationship Between Plasmalogen Lipid Signatures and Carnosine in Humans. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100164.	3.3	2
458	Adipose Tissue and Skeletal Muscle Expression of Genes Associated with Thyroid Hormone Action in Obesity and Insulin Resistance. <i>Thyroid</i> , 2022, 32, 206-214.	4.5	2
459	Ocreotide-Induced Manic Episodes in a Patient with Acromegaly. <i>Annals of Internal Medicine</i> , 2006, 144, 704.	3.9	2
460	Nicotinamide N-Methyltransferase Expression Decreases in Iron Overload Exacerbating Iron-Induced Hepatotoxicity. <i>Blood</i> , 2016, 128, 204-204.	1.4	2
461	A compound directed against S6K1 hampers fat mass expansion and mitigates diet-induced hepatosteatosis. <i>JCI Insight</i> , 2022, 7, .	5.0	2
462	Cholesterol and all-cause mortality in Honolulu. <i>Lancet</i> , The, 2001, 358, 1906-1907.	13.7	1
463	The nuclear receptor coactivator AIB3 is a modulator of HOMA β -cell function in nondiabetic children. <i>Clinical Endocrinology</i> , 2008, 69, 730-736.	2.4	1
464	The Trp64Arg β -adrenergic receptor gene polymorphism is associated with endothelium-dependent vasodilatation. <i>Journal of Human Hypertension</i> , 2015, 29, 134-135.	2.2	1
465	Obesity status and obesity-associated gut dysbiosis effects on hypothalamic structural covariance. <i>International Journal of Obesity</i> , 2021, , .	3.4	1
466	Impacto del déficit hormonal y de los factores de riesgo cardiovascular sobre la expectativa de vida en el hipopituitarismo. <i>Medicina Clínica</i> , 2003, 120, 630-637.	0.6	1
467	Multiple β -cell adenomas in a patient with thyroid hormone resistance. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2013, 2013, 130032.	0.5	1
468	Almonds and Walnuts Consumption Modifies PUFAs Profiles and Improves Metabolic Inflammation Beyond the Impact on Anthropometric Measure. <i>The Open Nutrition Journal</i> , 2018, 12, 89-98.	0.6	1

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469	Downregulation of peripheral lipopolysaccharide binding protein impacts on perigonadal adipose tissue only in female mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113156.	5.6	1
470	Lysozyme Gene Expression in 3T3-L1 Cells Sustains Expression of Adipogenic Genes and Adipocyte Differentiation. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	1
471	Comments to: Yudkin J, Panahloo A, Stenhouwer C et al. (2000) The influence of improved glycaemic control with insulin and sulphonylureas on acute phase and endothelial markets in Type II diabetic subjects. <i>Diabetologia</i> 43: 1099-1106. <i>Diabetologia</i> , 2001, 44, 518-519.	6.3	0
472	Chronic Inflammatory Hypothesis in the Metabolic Syndrome. , 2005, , 217-231.		0
473	Molecular Basis of Inflammation and Insulin Resistance in Obesity. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2006, 6, 105-118.	0.5	0
474	ApoplejÃa hipofisaria. Algunas consideraciones sobre su concepto y manejo. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2007, 54, 129.	0.8	0
475	Resistencia a la insulina y aterosclerosis. Impacto del estrÃ©s oxidativo en la funciÃ³n endotelial. <i>Revista Espanola De Cardiologia Suplementos</i> , 2008, 8, 45C-52C.	0.2	0
476	Hiponatremia sintomÃ¡tica inducida por citalopram y escitalopram. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2008, 55, 178-180.	0.8	0
477	La excreciÃ³n urinaria de interleucina 6 refleja la presiÃ³n arterial sistÃ³lica media durante 24 h en pacientes con diabetes mellitus tipo 2. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2008, 55, 383-388.	0.8	0
478	Olive Oil and the Senescent Bone. , 2015, , 505-512.		0
479	Influence of Dietary Factors on Gut Microbiota. , 2016, , 147-154.		0
480	The Microbiota and Energy Balanc. <i>Endocrinology</i> , 2017, , 1-18.	0.1	0
481	THU-271-Metabolic syndrome increases the risk of hepatic fibrosis in subjects with increased alcohol consumption: Results from a population-based cohort. <i>Journal of Hepatology</i> , 2019, 70, e281-e282.	3.7	0
482	Consider the microbiome in the equation! They were here before us...and hosted us!. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 383-385.	5.7	0
483	Cecal Ligation and Puncture-Induced Sepsis Promotes Brown Adipose Tissue Inflammation Without Any Impact on Expression of Thermogenic-Related Genes. <i>Frontiers in Physiology</i> , 2021, 12, 692618.	2.8	0
484	Response to Letter to the Editor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, L17-L17.	3.6	0
485	The Microbiota and Energy Balance. <i>Endocrinology</i> , 2018, , 1-18.	0.1	0
486	Is the jejunum the fulcrum of glucose metabolism?. <i>Gut</i> , 2021, 70, 1005-1006.	12.1	0

#	ARTICLE	IF	CITATIONS
487	OUP accepted manuscript. BJS Open, 2022, 6, .	1.7	0