

Jose M Fernández-Real

List of Publications by Year in descending order

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Version: 2024-02-01

485
papers

28,515
citations

6233

80
h-index

9553

142
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.	15.2	1,165
2	Insulin Resistance and Chronic Cardiovascular Inflammatory Syndrome. <i>Endocrine Reviews</i> , 2003, 24, 278-301.	8.9	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.	1.8	634
4	Cross-Talk Between Iron Metabolism and Diabetes. <i>Diabetes</i> , 2002, 51, 2348-2354.	0.3	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.	1.8	483
6	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. <i>Nature Medicine</i> , 2018, 24, 1070-1080.	15.2	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.	1.1	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.	4.3	426
9	Physiology and role of irisin in glucose homeostasis. <i>Nature Reviews Endocrinology</i> , 2017, 13, 324-337.	4.3	403
10	Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. <i>Nature</i> , 2011, 478, 97-102.	18.7	394
11	Targeting the Circulating MicroRNA Signature of Obesity. <i>Clinical Chemistry</i> , 2013, 59, 781-792.	1.5	373
12	Dyslipidemia and inflammation: an evolutionary conserved mechanism. <i>Clinical Nutrition</i> , 2005, 24, 16-31.	2.3	353
13	MiRNA Expression Profile of Human Subcutaneous Adipose and during Adipocyte Differentiation. <i>PLoS ONE</i> , 2010, 5, e9022.	1.1	316
14	Blood Letting in High-Ferritin Type 2 Diabetes : Effects on Insulin Sensitivity and β -Cell Function. <i>Diabetes</i> , 2002, 51, 1000-1004.	0.3	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.	4.3	312
16	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , 2011, 43, 753-760.	9.4	289
17	Serum Ferritin as a Component of the Insulin Resistance Syndrome. <i>Diabetes Care</i> , 1998, 21, 62-68.	4.3	275
18	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , 2018, 12, 1642-1657.	4.4	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.	1.8	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.	2.9	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.	1.1	241
22	Obesity changes the human gut mycobiome. <i>Scientific Reports</i> , 2015, 5, 14600.	1.6	231
23	Changes in blood microbiota profiles associated with liver fibrosis in obese patients: A pilot analysis. <i>Hepatology</i> , 2016, 64, 2015-2027.	3.6	230
24	Interleukin-6 gene polymorphism and insulin sensitivity. <i>Diabetes</i> , 2000, 49, 517-520.	0.3	228
25	The TNF- α Gene Δ 308C>T Polymorphism Influences the Relationship Among Insulin Resistance, Percent Body Fat, and Increased Serum Leptin Levels. <i>Diabetes</i> , 1997, 46, 1468-1472.	0.3	221
26	Plasma levels of the soluble fraction of tumor necrosis factor receptor 2 and insulin resistance. <i>Diabetes</i> , 1998, 47, 1757-1762.	0.3	211
27	Interleukin-6 Gene Polymorphism and Lipid Abnormalities in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1334-1339.	1.8	197
28	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. <i>Nature Medicine</i> , 2018, 24, 1113-1120.	15.2	193
29	Effects of iron overload on chronic metabolic diseases. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 513-526.	5.5	192
30	Circulating omentin concentration increases after weight loss. <i>Nutrition and Metabolism</i> , 2010, 7, 27.	1.3	181
31	Nicotinamide N-methyltransferase regulates hepatic nutrient metabolism through Sirt1 protein stabilization. <i>Nature Medicine</i> , 2015, 21, 887-894.	15.2	181
32	Serum Visfatin Increases With Progressive β -Cell Deterioration. <i>Diabetes</i> , 2006, 55, 2871-2875.	0.3	180
33	Changes in Circulating MicroRNAs Are Associated With Childhood Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1655-E1660.	1.8	180
34	Executive Functions Profile in Extreme Eating/Weight Conditions: From Anorexia Nervosa to Obesity. <i>PLoS ONE</i> , 2012, 7, e43382.	1.1	180
35	Insulin Resistance, Inflammation, and Serum Fatty Acid Composition. <i>Diabetes Care</i> , 2003, 26, 1362-1368.	4.3	178
36	Fatty Acid Synthase: Association with Insulin Resistance, Type 2 Diabetes, and Cancer. <i>Clinical Chemistry</i> , 2009, 55, 425-438.	1.5	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.	2.3	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.	1.6	164
39	Innate immunity, insulin resistance and type 2 diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2008, 19, 10-16.	3.1	161
40	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.	1.8	157
41	Adipocytokines and Insulin Resistance. <i>Diabetes Care</i> , 2009, 32, S362-S367.	4.3	155
42	Novel Interactions of Adiponectin with the Endocrine System and Inflammatory Parameters. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2714-2718.	1.8	152
43	Mechanisms Linking Glucose Homeostasis and Iron Metabolism Toward the Onset and Progression of Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 2169-2176.	4.3	152
44	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.	0.6	151
45	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.	1.8	148
46	Body mass index has a greater impact on pregnancy outcomes than gestational hyperglycaemia. <i>Diabetologia</i> , 2005, 48, 1736-1742.	2.9	145
47	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.	1.8	137
48	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.	4.3	134
49	The β -Lysophosphatidylinositol GPR55 System and Its Potential Role in Human Obesity. <i>Diabetes</i> , 2012, 61, 281-291.	0.3	134
50	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.	1.8	133
51	Iron Stores, Blood Donation, and Insulin Sensitivity and Secretion. <i>Clinical Chemistry</i> , 2005, 51, 1201-1205.	1.5	131
52	Gut Microbiota Interacts With Brain Microstructure and Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4505-4513.	1.8	130
53	Thyroid hormones induce browning of white fat. <i>Journal of Endocrinology</i> , 2017, 232, 351-362.	1.2	126
54	Body iron stores and early neurologic deterioration in acute cerebral infarction. <i>Neurology</i> , 2000, 54, 1568-1574.	1.5	117

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55	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.	1.3	116
56	Circulating Omentin as a Novel Biomarker of Endothelial Dysfunction. <i>Obesity</i> , 2011, 19, 1552-1559.	1.5	115
57	Grape-seed procyanidins modulate inflammation on human differentiated adipocytes in vitro. <i>Cytokine</i> , 2009, 47, 137-142.	1.4	110
58	A role for adipocyte-derived lipopolysaccharide-binding protein in inflammation- and obesity-associated adipose tissue dysfunction. <i>Diabetologia</i> , 2013, 56, 2524-2537.	2.9	109
59	Serum Corticosteroid-Binding Globulin Concentration and Insulin Resistance Syndrome: A Population Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4686-4690.	1.8	106
60	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.	1.9	105
61	Iron-related damage in acute ischemic stroke.. <i>Stroke</i> , 1994, 25, 1543-1546.	1.0	104
62	A polymorphism in the promoter of the tumor necrosis factor- β gene ($\hat{\alpha}$ '308) is associated with coronary heart disease in type 2 diabetic patients. <i>Atherosclerosis</i> , 2003, 167, 257-264.	0.4	104
63	Gestational diabetes is associated with changes in placental microbiota and microbiome. <i>Pediatric Research</i> , 2016, 80, 777-784.	1.1	104
64	Potential impact of American Diabetes Association (2000) criteria for diagnosis of gestational diabetes mellitus in Spain. <i>Diabetologia</i> , 2005, 48, 1135-1141.	2.9	101
65	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.	1.6	101
66	IL6 Gene Promoter Polymorphisms and Type 2 Diabetes: Joint Analysis of Individual Participants' Data From 21 Studies. <i>Diabetes</i> , 2006, 55, 2915-2921.	0.3	99
67	The Gene Expression of the Main Lipogenic Enzymes is Downregulated in Visceral Adipose Tissue of Obese Subjects. <i>Obesity</i> , 2010, 18, 13-20.	1.5	99
68	Adiponectin Is Associated With Vascular Function Independent of Insulin Sensitivity. <i>Diabetes Care</i> , 2004, 27, 739-745.	4.3	98
69	Adiponectin, hepatocellular dysfunction and insulin sensitivity. <i>Clinical Endocrinology</i> , 2004, 60, 256-263.	1.2	97
70	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.	1.8	95
71	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.	1.6	95
72	Study of glucose tolerance in consecutive patients harbouring incidental adrenal tumours. <i>Clinical Endocrinology</i> , 1998, 49, 53-61.	1.2	94

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73	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.	1.8	94
74	Inflammation triggers specific microRNA profiles in human adipocytes and macrophages and in their supernatants. <i>Clinical Epigenetics</i> , 2015, 7, 49.	1.8	94
75	Innate immunity, insulin resistance and type 2 diabetes. <i>Diabetologia</i> , 2012, 55, 273-278.	2.9	92
76	CD14 Monocyte Receptor, Involved in the Inflammatory Cascade, and Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1780-1784.	1.8	90
77	Complement Factor H Is Expressed in Adipose Tissue in Association With Insulin Resistance. <i>Diabetes</i> , 2010, 59, 200-209.	0.3	88
78	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. <i>Cell Metabolism</i> , 2020, 32, 548-560.e7.	7.2	88
79	OCT1 Expression in Adipocytes Could Contribute to Increased Metformin Action in Obese Subjects. <i>Diabetes</i> , 2011, 60, 168-176.	0.3	86
80	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.	1.8	85
81	CD14 Modulates Inflammation-Driven Insulin Resistance. <i>Diabetes</i> , 2011, 60, 2179-2186.	0.3	83
82	Circulating Adiponectin and Plasma Fatty Acid Profile. <i>Clinical Chemistry</i> , 2005, 51, 603-609.	1.5	82
83	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.	1.8	82
84	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.	1.6	82
85	Smell and taste dysfunctions in extreme weight/eating conditions: analysis of hormonal and psychological interactions. <i>Endocrine</i> , 2016, 51, 256-267.	1.1	82
86	Serum Interleukin-6 Correlates With Endothelial Dysfunction in Healthy Men Independently of Insulin Sensitivity. <i>Diabetes Care</i> , 2007, 30, 939-945.	4.3	81
87	Altered Circulating miRNA Expression Profile in Pregestational and Gestational Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1446-E1456.	1.8	80
88	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.	0.8	79
89	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.	4.3	78
90	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.	1.6	78

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91	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.	1.8	78
92	Microbiota alterations in proline metabolism impact depression. <i>Cell Metabolism</i> , 2022, 34, 681-701.e10.	7.2	77
93	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.	0.3	76
94	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.	1.9	76
95	Interleukin-6 Gene Polymorphism and Lipid Abnormalities in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1334-1339.	1.8	76
96	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.	1.8	75
97	Blood Letting in High-Ferritin Type 2 Diabetes: Effects on vascular reactivity. <i>Diabetes Care</i> , 2002, 25, 2249-2255.	4.3	74
98	Total and undercarboxylated osteocalcin predict changes in insulin sensitivity and β cell function in elderly men at high cardiovascular risk. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 249-255.	2.2	74
99	Alarmin high-mobility group B1 (HMGB1) is regulated in human adipocytes in insulin resistance and influences insulin secretion in β -cells. <i>International Journal of Obesity</i> , 2014, 38, 1545-1554.	1.6	74
100	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.	1.5	73
101	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.	2.0	72
102	Shedding of TNF- α receptors, blood pressure, and insulin sensitivity in type 2 diabetes mellitus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E952-E959.	1.8	72
103	Gut microbiota steroid sexual dimorphism and its impact on gonadal steroids: influences of obesity and menopausal status. <i>Microbiome</i> , 2020, 8, 136.	4.9	72
104	Tumor necrosis factor system activity is associated with insulin resistance and dyslipidemia in myotonic dystrophy. <i>Diabetes</i> , 1999, 48, 1108-1112.	0.3	71
105	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.	2.2	71
106	An increase in visceral fat is associated with a decrease in the taste and olfactory capacity. <i>PLoS ONE</i> , 2017, 12, e0171204.	1.1	70
107	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. <i>Microbiome</i> , 2021, 9, 104.	4.9	70
108	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.	2.5	68

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109	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.	2.6	68
110	Lowering of blood pressure leads to decreased circulating interleukin-6 in hypertensive subjects. <i>Journal of Human Hypertension</i> , 2005, 19, 457-462.	1.0	67
111	FABP4 Dynamics in Obesity: Discrepancies in Adipose Tissue and Liver Expression Regarding Circulating Plasma Levels. <i>PLoS ONE</i> , 2012, 7, e48605.	1.1	67
112	Irisin in humans: recent advances and questions for future research. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 178-180.	1.5	66
113	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.	0.3	66
114	Serum lipopolysaccharide-binding protein as a marker of atherosclerosis. <i>Atherosclerosis</i> , 2013, 230, 223-227.	0.4	65
115	Role of Mitochondrial Complex IV in Age-Dependent Obesity. <i>Cell Reports</i> , 2016, 16, 2991-3002.	2.9	65
116	Study of the proinflammatory role of human differentiated omental adipocytes. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 1107-1117.	1.2	64
117	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.	1.5	63
118	Circulating Irisin Levels Are Positively Associated with Metabolic Risk Factors in Sedentary Subjects. <i>PLoS ONE</i> , 2015, 10, e0124100.	1.1	62
119	Resistance Training Improves Cardiovascular Risk Factors in Obese Women Despite a Significant Decrease in Serum Adiponectin Levels. <i>Obesity</i> , 2010, 18, 535-541.	1.5	61
120	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.	1.6	61
121	Insulin sensitivity and resistin levels in gestational diabetes mellitus and after parturition. <i>European Journal of Endocrinology</i> , 2008, 158, 173-178.	1.9	60
122	Lactoferrin increases 172ThrAMPK phosphorylation and insulin-induced p473SerAKT while impairing adipocyte differentiation. <i>International Journal of Obesity</i> , 2009, 33, 991-1000.	1.6	59
123	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.	1.8	59
124	<sc>COVID</sc> Isolation Eating Scale (<sc>CIES</sc>): 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.	2.3	59
125	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.	0.3	58
126	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.	1.9	58

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127	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.	1.4	58
128	Single Nucleotide Polymorphism relevance learning with Random Forests for Type 2 diabetes risk prediction. <i>Artificial Intelligence in Medicine</i> , 2018, 85, 43-49.	3.8	58
129	Relationship between eating styles and temperament in an Anorexia Nervosa, Healthy Control, and Morbid Obesity female sample. <i>Appetite</i> , 2014, 76, 76-83.	1.8	57
130	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. <i>Nature Medicine</i> , 2016, 22, 771-779.	15.2	57
131	Extracellular Vesicles from Hypoxic Adipocytes and Obese Subjects Reduce Insulin-stimulated Glucose Uptake. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700917.	1.5	57
132	Insulin Resistance Modulates Iron-Related Proteins in Adipose Tissue. <i>Diabetes Care</i> , 2014, 37, 1092-1100.	4.3	56
133	Fine-tuned iron availability is essential to achieve optimal adipocyte differentiation and mitochondrial biogenesis. <i>Diabetologia</i> , 2014, 57, 1957-1967.	2.9	56
134	Peroxisome Proliferator-Activated Receptor β -Dependent Regulation of Lipolytic Nodes and Metabolic Flexibility. <i>Molecular and Cellular Biology</i> , 2012, 32, 1555-1565.	1.1	54
135	Ectopic thyroid tissue presenting as a submandibular mass. , 1996, 18, 87-90.		53
136	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.	1.8	53
137	Mannose-Binding Lectin Gene Polymorphisms Are Associated with Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 5081-5087.	1.8	52
138	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.	1.8	52
139	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.	1.8	52
140	Circulating Visfatin Is Associated With Parameters of Iron Metabolism in Subjects With Altered Glucose Tolerance. <i>Diabetes Care</i> , 2007, 30, 616-621.	4.3	51
141	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.	3.1	51
142	Joint analysis of individual participants' data from 17 studies on the association of the <i>IL6</i> variant -174G>C with circulating glucose levels, interleukin-6 levels, and body mass index. <i>Annals of Medicine</i> , 2009, 41, 128-138.	1.5	51
143	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.	2.3	51
144	Burden of infection and insulin resistance in healthy middle-aged men. <i>Diabetes Care</i> , 2006, 29, 1058-64.	4.3	51

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145	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.	2.0	50
146	The gut microbiota profile is associated with insulin action in humans. <i>Acta Diabetologica</i> , 2013, 50, 753-761.	1.2	50
147	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.	5.1	50
148	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.	4.3	49
149	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.	1.6	49
150	Structural damage in diabetic nephropathy is associated with TNF- α system activity. <i>Acta Diabetologica</i> , 2012, 49, 301-305.	1.2	49
151	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.	1.5	49
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481	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.	1.3	0
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