

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	Activation of Hypothalamic <sc>AMP-Activated</sc> Protein Kinase Ameliorates Metabolic Complications of Experimental Arthritis. <i>Arthritis and Rheumatology</i> , 2022, 74, 212-222.	2.9	11
2	Adipose tissue and blood leukocytes ACE2 DNA methylation in obesity and after weight loss. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13685.	1.7	9
3	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.	2.4	2
4	OUP accepted manuscript. <i>BJS Open</i> , 2022, 6, .	0.7	0
5	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.	2.3	4
6	Olfactomedin 2 deficiency protects against diet-induced obesity. <i>Metabolism: Clinical and Experimental</i> , 2022, 129, 155122.	1.5	9
7	ITCH E3 ubiquitin ligase downregulation compromises hepatic degradation of branched-chain amino acids. <i>Molecular Metabolism</i> , 2022, 59, 101454.	3.0	5
8	Serum ferritin and incident cardiometabolic diseases in Scottish adults. <i>Cardiovascular Diabetology</i> , 2022, 21, 26.	2.7	14
9	miRNA signatures associated with vulnerability to food addiction in mice and humans. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	10
10	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
11	The effect of external stimulation on functional networks in the aging healthy human brain. <i>Cerebral Cortex</i> , 2022, 33, 235-245.	1.6	8
12	A microRNA Cluster Controls Fat Cell Differentiation and Adipose Tissue Expansion By Regulating SNCG. <i>Advanced Science</i> , 2022, 9, 2104759.	5.6	9
13	Impact of COVID-19 Lockdown in Eating Disorders: A Multicentre Collaborative International Study. <i>Nutrients</i> , 2022, 14, 100.	1.7	18
14	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance. <i>Nature Metabolism</i> , 2022, 4, 476-494.	5.1	16
15	Bidirectional relationships between the gut microbiome and sexual traits. <i>American Journal of Physiology - Cell Physiology</i> , 2022, , .	2.1	8
16	Microbiota alterations in proline metabolism impact depression. <i>Cell Metabolism</i> , 2022, 34, 681-701.e10.	7.2	77
17	Downregulation of peripheral lipopolysaccharide binding protein impacts on perigonadal adipose tissue only in female mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113156.	2.5	1
18	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.	2.2	4

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19	A compound directed against S6K1 hampers fat mass expansion and mitigates diet-induced hepatosteatosis. <i>JCI Insight</i> , 2022, 7, .	2.3	2
20	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.	4.4	10
21	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.	1.6	7
22	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.	3.9	12
23	Factors associated with prolonged hospital stay after laparoscopic adrenalectomy. <i>Updates in Surgery</i> , 2021, 73, 693-702.	0.9	6
24	Nicotine™ actions on energy balance: Friend or foe?. , 2021, 219, 107693.		20
25	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.	2.4	20
26	Morbidly obese subjects show increased serum sulfide in proportion to fat mass. <i>International Journal of Obesity</i> , 2021, 45, 415-426.	1.6	9
27	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.	2.3	16
28	FGF15/19 is required for adipose tissue plasticity in response to thermogenic adaptations. <i>Molecular Metabolism</i> , 2021, 43, 101113.	3.0	18
29	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. <i>Cerebral Cortex</i> , 2021, 31, 2466-2481.	1.6	29
30	Adipose tissue knockdown of lysozyme reduces local inflammation and improves adipogenesis in high-fat diet-fed mice. <i>Pharmacological Research</i> , 2021, 166, 105486.	3.1	12
31	Comparison of Outcomes between Obese and Nonobese Patients in Laparoscopic Adrenalectomy: A Cohort Study. <i>Digestive Surgery</i> , 2021, 38, 237-246.	0.6	13
32	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.	2.7	4
33	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. <i>Microbiome</i> , 2021, 9, 104.	4.9	70
34	Regulation of adipogenic differentiation and adipose tissue inflammation by interferon regulatory factor 3. <i>Cell Death and Differentiation</i> , 2021, 28, 3022-3035.	5.0	17
35	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
36	Novel Laboratory Index, Based on Fasting Blood Parameters, Accurately Reflects Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e5208-e5221.	1.8	2

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37	Activation of Endogenous H ₂ S Biosynthesis or Supplementation with Exogenous H ₂ S Enhances Adipose Tissue Adipogenesis and Preserves Adipocyte Physiology in Humans. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 319-340.	2.5	18
38	Novel Relationship Between Plasmalogen Lipid Signatures and Carnosine in Humans. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100164.	1.5	2
39	Obesity status and obesity-associated gut dysbiosis effects on hypothalamic structural covariance. <i>International Journal of Obesity</i> , 2021, , .	1.6	1
40	BMP8 and activated brown adipose tissue in human newborns. <i>Nature Communications</i> , 2021, 12, 5274.	5.8	24
41	Impaired mRNA splicing and proteostasis in preadipocytes in obesity-related metabolic disease. <i>ELife</i> , 2021, 10, .	2.8	10
42	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.	6.1	31
43	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.	1.9	7
44	Is the jejunum the fulcrum of glucose metabolism?. <i>Gut</i> , 2021, 70, 1005-1006.	6.1	0
45	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.	1.8	7
46	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.	1.5	5
47	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.	1.7	7
48	Comparative and functional analysis of plasma membrane-derived extracellular vesicles from obese vs. nonobese women. <i>Clinical Nutrition</i> , 2020, 39, 1067-1076.	2.3	16
49	Combining metabolic profiling of plasma and faeces as a fingerprint of insulin resistance in obesity. <i>Clinical Nutrition</i> , 2020, 39, 2292-2300.	2.3	9
50	Exploration of the microbiota and metabolites within body fluids could pinpoint novel disease mechanisms. <i>FEBS Journal</i> , 2020, 287, 856-865.	2.2	14
51	Deletion of iRhom2 protects against diet-induced obesity by increasing thermogenesis. <i>Molecular Metabolism</i> , 2020, 31, 67-84.	3.0	25
52	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
53	MicroRNA Profile of Cardiovascular Risk in Patients with Obstructive Sleep Apnea. <i>Respiration</i> , 2020, 99, 1122-1128.	1.2	10
54	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.	1.5	6

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55	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
56	<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.	2.3	59
57	Gut bacterial ClpB-like gene function is associated with decreased body weight and a characteristic microbiota profile. <i>Microbiome</i> , 2020, 8, 59.	4.9	46
58	LowAMY1Copy Number Is Crossâ€”Sectionally Associated to an Inflammationâ€”Related Lipidomics Signature in Overweight and Obese Individuals. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1901151.	1.5	6
59	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111257.	2.2	18
60	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.	1.0	4
61	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.	2.7	22
62	The APOA1bpâ€”SREBFâ€”NOTCH axis is associated with reduced atherosclerosis risk in morbidly obese patients. <i>Clinical Nutrition</i> , 2020, 39, 3408-3418.	2.3	7
63	Plasma Phospholipids with Longâ€”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.	1.5	3
64	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.	1.2	10
65	Preoperative Circulating Succinate Levels as a Biomarker for Diabetes Remission After Bariatric Surgery. <i>Diabetes Care</i> , 2019, 42, 1956-1965.	4.3	47
66	Recomendaciones para la detecciÃ³n, diagnÃ³stico y seguimiento de los pacientes con enfermedad por hÃ¡gado graso no alcohÃ³lico en atenciÃ³n primaria y hospitalaria. <i>Medicina ClÃ­nica</i> , 2019, 153, 169-177.	0.3	18
67	Circulating Irisin and Myostatin as Markers of Muscle Strength and Physical Condition in Elderly Subjects. <i>Frontiers in Physiology</i> , 2019, 10, 871.	1.3	44
68	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.	1.8	0
69	Central nicotine induces browning through hypothalamic Î² opioid receptor. <i>Nature Communications</i> , 2019, 10, 4037.	5.8	32
70	Circulating microRNA profile as a potential biomarker for obstructive sleep apnea diagnosis. <i>Scientific Reports</i> , 2019, 9, 13456.	1.6	40
71	Ferritin levels throughout childhood and metabolic syndrome in adolescent stage. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 268-278.	1.1	9
72	Adipose Tissue Expansion by Overfeeding Healthy Men Alters Iron Gene Expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 688-696.	1.8	7

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73	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.	1.6	24
74	Reduced Plasma Orexin-A Concentrations are Associated with Cognitive Deficits in Anorexia Nervosa. <i>Scientific Reports</i> , 2019, 9, 7910.	1.6	26
75	Cytoskeletal transgelin 2 contributes to gender-dependent adipose tissue expandability and immune function. <i>FASEB Journal</i> , 2019, 33, 9656-9671.	0.2	6
76	Hydrogen sulfide impacts on inflammation-induced adipocyte dysfunction. <i>Food and Chemical Toxicology</i> , 2019, 131, 110543.	1.8	12
77	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.	1.0	16
78	Glutamate interactions with obesity, insulin resistance, cognition and gut microbiota composition. <i>Acta Diabetologica</i> , 2019, 56, 569-579.	1.2	49
79	Identification and validation of circulating miRNAs as endogenous controls in obstructive sleep apnea. <i>PLoS ONE</i> , 2019, 14, e0213622.	1.1	17
80	Glycated Hemoglobin, but not Insulin Sensitivity, is Associated with Memory in Subjects with Obesity. <i>Obesity</i> , 2019, 27, 932-942.	1.5	9
81	Neuregulin 4 Is a Novel Marker of Beige Adipocyte Precursor Cells in Human Adipose Tissue. <i>Frontiers in Physiology</i> , 2019, 10, 39.	1.3	28
82	Iron Status and Metabolically Unhealthy Obesity in Prepubertal Children. <i>Obesity</i> , 2019, 27, 636-644.	1.5	10
83	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.	3.1	48
84	Microbiota impacts on chronic inflammation and metabolic syndrome - related cognitive dysfunction. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 473-480.	2.6	45
85	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.	2.6	0
86	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
87	Adipose tissue TSH as a new modulator of human adipocyte mitochondrial function. <i>International Journal of Obesity</i> , 2019, 43, 1611-1619.	1.6	10
88	The Microbiota and Energy Balance. <i>Endocrinology</i> , 2019, , 109-126.	0.1	2
89	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
90	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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91	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.	4.3	33
92	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
93	An Epigenetic Signature in Adipose Tissue Is Linked to Nicotinamide Methyltransferase Gene Expression. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700933.	1.5	26
94	LncRNAs in Adipose Tissue from Obese and Insulin-Resistant Subjects: New Targets for Therapy?. <i>EBioMedicine</i> , 2018, 30, 10-11.	2.7	12
95	TP53INP2 regulates adiposity by activating β -catenin through autophagy-dependent sequestration of GSK3 β . <i>Nature Cell Biology</i> , 2018, 20, 443-454.	4.6	47
96	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.	0.4	12
97	Plasma ANGPTL4 is Associated with Obesity and Glucose Tolerance: Cross-Sectional and Longitudinal Findings. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800060.	1.5	35
98	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
99	Obesity status influences the relationship among serum osteocalcin, iron stores and insulin sensitivity. <i>Clinical Nutrition</i> , 2018, 37, 2091-2096.	2.3	3
100	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.	1.5	2
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.	1.5	73
102	The gut mycobiome composition is linked to carotid atherosclerosis. <i>Beneficial Microbes</i> , 2018, 9, 185-198.	1.0	32
103	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.	1.1	14
104	Adipose TSHB in Humans and Serum TSH in Hypothyroid Rats Inform About Cellular Senescence. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 142-153.	1.1	5
105	Ferritin, metabolic syndrome and its components: A systematic review and meta-analysis. <i>Atherosclerosis</i> , 2018, 275, 97-106.	0.4	47
106	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. <i>Nature Medicine</i> , 2018, 24, 1113-1120.	15.2	193
107	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. <i>Nature Medicine</i> , 2018, 24, 1070-1080.	15.2	465
108	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.	2.9	35

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109	The Microbiota and Energy Balance. <i>Endocrinology</i> , 2018, , 1-18.	0.1	0
110	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
111	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. <i>European Journal of Endocrinology</i> , 2017, 176, 393-404.	1.9	27
112	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
113	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
114	Physiology and role of irisin in glucose homeostasis. <i>Nature Reviews Endocrinology</i> , 2017, 13, 324-337.	4.3	403
115	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.	2.9	36
116	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
117	Thyroid hormones induce browning of white fat. <i>Journal of Endocrinology</i> , 2017, 232, 351-362.	1.2	126
118	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
119	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.	1.8	40
120	Adipocyte lipopolysaccharide binding protein (<scp>LBP</scp>) is linked to a specific lipidomic signature. <i>Obesity</i> , 2017, 25, 391-400.	1.5	12
121	Ferroportin mRNA is down-regulated in granulosa and cervical cells from infertile women. <i>Fertility and Sterility</i> , 2017, 107, 236-242.	0.5	6
122	MicroRNA-221-3p Regulates Angiopoietin-Like 8 (ANGPTL8) Expression in Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4001-4012.	1.8	24
123	The Microbiota and Energy Balanc. <i>Endocrinology</i> , 2017, , 1-18.	0.1	0
124	Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity. <i>Obesity</i> , 2017, 25, 1723-1733.	1.5	20
125	Increased adipose tissue heme levels and exportation are associated with altered systemic glucose metabolism. <i>Scientific Reports</i> , 2017, 7, 5305.	1.6	10
126	TSHB mRNA is linked to cholesterol metabolism in adipose tissue. <i>FASEB Journal</i> , 2017, 31, 4482-4491.	0.2	15

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127	Neuroinflammation in obesity: circulating lipopolysaccharide-binding protein associates with brain structure and cognitive performance. <i>International Journal of Obesity</i> , 2017, 41, 1627-1635.	1.6	38
128	Hepatic iron content is independently associated with serum hepcidin levels in subjects with obesity. <i>Clinical Nutrition</i> , 2017, 36, 1434-1439.	2.3	26
129	Nicotinamide N-methyltransferase expression decreases in iron overload, exacerbating toxicity in mouse hepatocytes. <i>Hepatology Communications</i> , 2017, 1, 803-815.	2.0	4
130	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
131	Adipose Tissue and Serum CCDC80 in Obesity and Its Association with Related Metabolic Disease. <i>Molecular Medicine</i> , 2017, 23, 225-234.	1.9	21
132	Adipocyte Differentiation. , 2017, , 69-90.		14
133	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.	0.7	4
134	Influence of Dietary Factors on Gut Microbiota. , 2016, , 147-154.		0
135	Decision Making Impairment: A Shared Vulnerability in Obesity, Gambling Disorder and Substance Use Disorders?. <i>PLoS ONE</i> , 2016, 11, e0163901.	1.1	34
136	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.	1.1	31
137	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.	1.5	37
138	Adipose tissue R^2 signal is increased in subjects with obesity: A preliminary MRI study. <i>Obesity</i> , 2016, 24, 352-358.	1.5	8
139	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.	1.5	10
140	Lower serum osteocalcin concentrations are associated with brain microstructural changes and worse cognitive performance. <i>Clinical Endocrinology</i> , 2016, 84, 756-763.	1.2	41
141	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.	1.2	15
142	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.	1.6	12
143	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
144	Gestational diabetes is associated with changes in placental microbiota and microbiome. <i>Pediatric Research</i> , 2016, 80, 777-784.	1.1	104

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145	<sc><i>CISD1</i></sc> in association with obesity-associated dysfunctional adipogenesis in human visceral adipose tissue. <i>Obesity</i> , 2016, 24, 139-147.	1.5	23
146	Enduring Changes in Decision Making in Patients with Full Remission from Anorexia Nervosa. <i>European Eating Disorders Review</i> , 2016, 24, 523-527.	2.3	26
147	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
148	Role of Mitochondrial Complex IV in Age-Dependent Obesity. <i>Cell Reports</i> , 2016, 16, 2991-3002.	2.9	65
149	Modulation of Irisin and Physical Activity on Executive Functions in Obesity and Morbid obesity. <i>Scientific Reports</i> , 2016, 6, 30820.	1.6	27
150	Interaction Between Orexin and Sleep Quality in Females in Extreme Weight Conditions. <i>European Eating Disorders Review</i> , 2016, 24, 510-517.	2.3	11
151	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
152	Lipopolysaccharide-binding protein is a negative regulator of adipose tissue browning in mice and humans. <i>Diabetologia</i> , 2016, 59, 2208-2218.	2.9	41
153	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.	1.8	23
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