

# Jose M Fernandez-Real

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

472  
papers

21,623  
citations

74  
h-index

126  
g-index

515  
ext. papers

25,276  
ext. citations

6.9  
avg, IF

6.7  
L-index

#	Paper	IF	Citations
472	Specific adipose tissue gene knockdown prevents diet-induced body weight gain, impacting fat accretion-related gene and protein expression.. <i>Molecular Therapy - Nucleic Acids</i> , <b>2022</b> , 27, 870-879	10.7	1
471	Olfactomedin 2 deficiency protects against diet-induced obesity.. <i>Metabolism: Clinical and Experimental</i> , <b>2022</b> , 129, 155122	12.7	1
470	ITCH E3 Ubiquitin Ligase downregulation compromises hepatic degradation of branched-chain amino acids.. <i>Molecular Metabolism</i> , <b>2022</b> , 101454	8.8	0
469	Serum ferritin and incident cardiometabolic diseases in Scottish adults.. <i>Cardiovascular Diabetology</i> , <b>2022</b> , 21, 26	8.7	0
468	Caudovirales bacteriophages are associated with improved executive function and memory in flies, mice, and humans.. <i>Cell Host and Microbe</i> , <b>2022</b> ,	23.4	4
467	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance.. <i>Nature Metabolism</i> , <b>2022</b> , 4, 476-494	14.6	1
466	Microbiota alterations in proline metabolism impact depression.. <i>Cell Metabolism</i> , <b>2022</b> , 34, 681-701.e1024.6	10.4	7
465	Downregulation of peripheral lipopolysaccharide binding protein impacts on perigonadal adipose tissue only in female mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2022</b> , 151, 113156	7.5	0
464	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> , <b>2022</b> , 11, 1095	7.1	1
463	Lipidomics and metabolomics signatures of SARS-CoV-2 mediators/receptors in peripheral leukocytes, jejunum and colon. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 6080-6089	6.8	1
462	Is the jejunum the fulcrum of glucose metabolism?. <i>Gut</i> , <b>2021</b> , 70, 1005-1006	19.2	
461	Adipose tissue knockdown of lysozyme reduces local inflammation and improves adipogenesis in high-fat diet-fed mice. <i>Pharmacological Research</i> , <b>2021</b> , 166, 105486	10.2	2
460	Comparison of Outcomes between Obese and Nonobese Patients in Laparoscopic Adrenalectomy: A Cohort Study. <i>Digestive Surgery</i> , <b>2021</b> , 38, 237-246	2.5	1
459	Subjects with detectable <i>Saccharomyces cerevisiae</i> in the gut microbiota show deficits in attention and executive function. <i>Journal of Internal Medicine</i> , <b>2021</b> , 290, 740-743	10.8	0
458	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. <i>Microbiome</i> , <b>2021</b> , 9, 104	16.6	15
457	Regulation of adipogenic differentiation and adipose tissue inflammation by interferon regulatory factor 3. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 3022-3035	12.7	3
456	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> , <b>2021</b> , 12, 692618	4.6	

455	Novel Laboratory Index, Based on Fasting Blood Parameters, Accurately Reflects Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e5208-e5221	5.6	1
454	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> , <b>2021</b> , 45, 206-216	5.5	6
453	Permanent cystathionine- $\beta$ -Synthase gene knockdown promotes inflammation and oxidative stress in immortalized human adipose-derived mesenchymal stem cells, enhancing their adipogenic capacity. <i>Redox Biology</i> , <b>2021</b> , 42, 101668	11.3	6
452	Factors associated with prolonged hospital stay after laparoscopic adrenalectomy. <i>Updates in Surgery</i> , <b>2021</b> , 73, 693-702	2.9	2
451	Nicotine Actions on energy balance: Friend or foe?. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 219, 107693	13.9	9
450	Safety and Feasibility of the PEPPER Adaptive Bolus Advisor and Safety System: A Randomized Control Study. <i>Diabetes Technology and Therapeutics</i> , <b>2021</b> , 23, 175-186	8.1	2
449	Morbidly obese subjects show increased serum sulfide in proportion to fat mass. <i>International Journal of Obesity</i> , <b>2021</b> , 45, 415-426	5.5	6
448	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> , <b>2021</b> , 40, 1420-1429	5.9	6
447	FGF15/19 is required for adipose tissue plasticity in response to thermogenic adaptations. <i>Molecular Metabolism</i> , <b>2021</b> , 43, 101113	8.8	6
446	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 2466-2481	5.1	3
445	Activation of Endogenous HS Biosynthesis or Supplementation with Exogenous HS Enhances Adipose Tissue Adipogenesis and Preserves Adipocyte Physiology in Humans. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> , 35, 319-340	8.4	8
444	Novel Relationship Between Plasmalogen Lipid Signatures and Carnosine in Humans. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2100164	5.9	0
443	Activation of hypothalamic AMPK ameliorates metabolic complications of experimental arthritis. <i>Arthritis and Rheumatology</i> , <b>2021</b> ,	9.5	1
442	BMP8 and activated brown adipose tissue in human newborns. <i>Nature Communications</i> , <b>2021</b> , 12, 5274	17.4	7
441	Adipose tissue and blood leukocytes ACE2 DNA methylation in obesity and after weight loss. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , e13685	4.6	1
440	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> , <b>2021</b> , 70, 2283-2296	19.2	7
439	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> , <b>2021</b> , 12, 741248	5.7	0
438	A microRNA Cluster Controls Fat Cell Differentiation and Adipose Tissue Expansion By Regulating SNCG.. <i>Advanced Science</i> , <b>2021</b> , e2104759	13.6	2

437	Impact of COVID-19 Lockdown in Eating Disorders: A Multicentre Collaborative International Study.. <i>Nutrients</i> , <b>2021</b> , 14,	6.7	1
436	Gut bacterial ClpB-like gene function is associated with decreased body weight and a characteristic microbiota profile. <i>Microbiome</i> , <b>2020</b> , 8, 59	16.6	22
435	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> , <b>2020</b> , 64, e1901151	5.9	3
434	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , <b>2020</b> , 189, 111257	5.6	6
433	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> , <b>2020</b> , 9,	5.1	2
432	Compounds that modulate AMPK activity and hepatic steatosis impact the biosynthesis of microRNAs required to maintain lipid homeostasis in hepatocytes. <i>EBioMedicine</i> , <b>2020</b> , 53, 102697	8.8	13
431	The APOA1bp-SREBF-NOTCH axis is associated with reduced atherosclerosis risk in morbidly obese patients. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 3408-3418	5.9	5
430	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> , <b>2020</b> , 64, e1901055	5.9	0
429	Combining metabolic profiling of plasma and faeces as a fingerprint of insulin resistance in obesity. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 2292-2300	5.9	4
428	Exploration of the microbiota and metabolites within body fluids could pinpoint novel disease mechanisms. <i>FEBS Journal</i> , <b>2020</b> , 287, 856-865	5.7	6
427	Deletion of iRhom2 protects against diet-induced obesity by increasing thermogenesis. <i>Molecular Metabolism</i> , <b>2020</b> , 31, 67-84	8.8	16
426	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. <i>Cell Metabolism</i> , <b>2020</b> , 32, 548-560.e7	24.6	27
425	MicroRNA Profile of Cardiovascular Risk in Patients with Obstructive Sleep Apnea. <i>Respiration</i> , <b>2020</b> , 99, 1122-1128	3.7	4
424	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> , <b>2020</b> , 28, 1663-1670	8	3
423	Gut microbiota steroid sexual dimorphism and its impact on gonadal steroids: influences of obesity and menopausal status. <i>Microbiome</i> , <b>2020</b> , 8, 136	16.6	24
422	COVID Isolation Eating Scale (CIES): Analysis of the impact of confinement in eating disorders and obesity-A collaborative international study. <i>European Eating Disorders Review</i> , <b>2020</b> , 28, 871-883	5.3	35
421	Comparative and functional analysis of plasma membrane-derived extracellular vesicles from obese vs. nonobese women. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 1067-1076	5.9	10
420	Central nicotine induces browning through hypothalamic $\beta$ opioid receptor. <i>Nature Communications</i> , <b>2019</b> , 10, 4037	17.4	17

419	Circulating microRNA profile as a potential biomarker for obstructive sleep apnea diagnosis. <i>Scientific Reports</i> , <b>2019</b> , 9, 13456	4.9	20
418	Ferritin levels throughout childhood and metabolic syndrome in adolescent stage. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2019</b> , 29, 268-278	4.5	6
417	Adipose Tissue Expansion by Overfeeding Healthy Men Alters Iron Gene Expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 688-696	5.6	3
416	Associations between neuropsychological performance and appetite-regulating hormones in anorexia nervosa and healthy controls: Ghrelin® putative role as a mediator of decision-making. <i>Molecular and Cellular Endocrinology</i> , <b>2019</b> , 497, 110441	4.4	15
415	Reduced Plasma Orexin-A Concentrations are Associated with Cognitive Deficits in Anorexia Nervosa. <i>Scientific Reports</i> , <b>2019</b> , 9, 7910	4.9	15
414	Cytoskeletal transgelin 2 contributes to gender-dependent adipose tissue expandability and immune function. <i>FASEB Journal</i> , <b>2019</b> , 33, 9656-9671	0.9	1
413	Hydrogen sulfide impacts on inflammation-induced adipocyte dysfunction. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 131, 110543	4.7	8
412	Circulating Soluble CD36 is Similar in Type 1 and Type 2 Diabetes Mellitus versus Non-Diabetic Subjects. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	8
411	Glutamate interactions with obesity, insulin resistance, cognition and gut microbiota composition. <i>Acta Diabetologica</i> , <b>2019</b> , 56, 569-579	3.9	20
410	Identification and validation of circulating miRNAs as endogenous controls in obstructive sleep apnea. <i>PLoS ONE</i> , <b>2019</b> , 14, e0213622	3.7	8
409	Glycated Hemoglobin, but not Insulin Sensitivity, is Associated with Memory in Subjects with Obesity. <i>Obesity</i> , <b>2019</b> , 27, 932-942	8	6
408	Neuregulin 4 Is a Novel Marker of Beige Adipocyte Precursor Cells in Human Adipose Tissue. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 39	4.6	12
407	Carnosine supplementation reduces plasma soluble transferrin receptor in healthy overweight or obese individuals: a pilot randomised trial. <i>Amino Acids</i> , <b>2019</b> , 51, 73-81	3.5	6
406	Preoperative Circulating Succinate Levels as a Biomarker for Diabetes Remission After Bariatric Surgery. <i>Diabetes Care</i> , <b>2019</b> , 42, 1956-1965	14.6	27
405	Recommendations for the detection, diagnosis and follow-up of patients with non-alcoholic fatty liver disease in primary and hospital care. <i>Medicina Clínica</i> , <b>2019</b> , 153, 169-177	1	7
404	Circulating Irisin and Myostatin as Markers of Muscle Strength and Physical Condition in Elderly Subjects. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 871	4.6	24
403	Iron Status and Metabolically Unhealthy Obesity in Prepubertal Children. <i>Obesity</i> , <b>2019</b> , 27, 636-644	8	7
402	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> , <b>2019</b> , 16, 220	10.1	30

401	Microbiota impacts on chronic inflammation and metabolic syndrome - related cognitive dysfunction. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2019</b> , 20, 473-480	10.5	20
400	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> , <b>2019</b> , 20, 387-397	10.5	30
399	Adipose tissue TSH as a new modulator of human adipocyte mitochondrial function. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 1611-1619	5.5	7
398	The Microbiota and Energy Balance. <i>Endocrinology</i> , <b>2019</b> , 109-126	0.1	
397	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> , <b>2019</b> , 85, 164-172	7.5	32
396	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , <b>2018</b> , 12, 1642-1657	11.9	132
395	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> , <b>2018</b> , 41, 862-868	14.6	22
394	Extracellular Vesicles from Hypoxic Adipocytes and Obese Subjects Reduce Insulin-Stimulated Glucose Uptake. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700917	5.9	34
393	An Epigenetic Signature in Adipose Tissue Is Linked to Nicotinamide N-Methyltransferase Gene Expression. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, e1700933	5.9	14
392	LncRNAs in Adipose Tissue from Obese and Insulin-Resistant Subjects: New Targets for Therapy?. <i>EBioMedicine</i> , <b>2018</b> , 30, 10-11	8.8	11
391	TP53INP2 regulates adiposity by activating $\beta$ -catenin through autophagy-dependent sequestration of GSK3 $\beta$ . <i>Nature Cell Biology</i> , <b>2018</b> , 20, 443-454	23.4	33
390	Decreased iron stores are associated with cardiovascular disease in patients with type 2 diabetes both cross-sectionally and longitudinally. <i>Atherosclerosis</i> , <b>2018</b> , 272, 193-199	3.1	6
389	Plasma ANGPTL-4 is Associated with Obesity and Glucose Tolerance: Cross-Sectional and Longitudinal Findings. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, e1800060	5.9	20
388	Single Nucleotide Polymorphism relevance learning with Random Forests for Type 2 diabetes risk prediction. <i>Artificial Intelligence in Medicine</i> , <b>2018</b> , 85, 43-49	7.4	31
387	Obesity status influences the relationship among serum osteocalcin, iron stores and insulin sensitivity. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2091-2096	5.9	0
386	Peroxisome Proliferator-Activated Receptor $\alpha$ Controls the Rate of Adipose Tissue Lipid Storage and Determines Metabolic Flexibility. <i>Cell Reports</i> , <b>2018</b> , 24, 2005-2012.e7	10.6	24
385	The Microbiota and Energy Balance. <i>Endocrinology</i> , <b>2018</b> , 1-18	0.1	
384	Almonds and Walnuts Consumption Modifies PUFAs Profiles and Improves Metabolic Inflammation Beyond the Impact on Anthropometric Measure. <i>The Open Nutrition Journal</i> , <b>2018</b> , 12, 89-98	0.2	0

383	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> , <b>2018</b> , 62, 1700301	5.9	0
382	Gut Microbiota Interacts with Markers of Adipose Tissue Browning, Insulin Action and Plasma Acetate in Morbid Obesity. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700721	5.9	46
381	The gut mycobiome composition is linked to carotid atherosclerosis. <i>Beneficial Microbes</i> , <b>2018</b> , 9, 185-194	4.9	17
380	Decreased TLR3 in Hyperplastic Adipose Tissue, Blood and Inflamed Adipocytes is Related to Metabolic Inflammation. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 51, 1051-1068	3.9	10
379	Adipose TSHB in Humans and Serum TSH in Hypothyroid Rats Inform About Cellular Senescence. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 51, 142-153	3.9	5
378	Ferritin, metabolic syndrome and its components: A systematic review and meta-analysis. <i>Atherosclerosis</i> , <b>2018</b> , 275, 97-106	3.1	29
377	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. <i>Nature Medicine</i> , <b>2018</b> , 24, 1113-1120	50.5	121
376	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. <i>Nature Medicine</i> , <b>2018</b> , 24, 1070-1080	50.5	276
375	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. <i>European Journal of Endocrinology</i> , <b>2017</b> , 176, 393-404	6.5	14
374	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> , <b>2017</b> , 41, 620-630	5.5	73
373	miRNAs in cerebrospinal fluid identify patients with MS and specifically those with lipid-specific oligoclonal IgM bands. <i>Multiple Sclerosis Journal</i> , <b>2017</b> , 23, 1716-1726	5	36
372	Physiology and role of irisin in glucose homeostasis. <i>Nature Reviews Endocrinology</i> , <b>2017</b> , 13, 324-337	15.2	259
371	HMOX1 as a marker of iron excess-induced adipose tissue dysfunction, affecting glucose uptake and respiratory capacity in human adipocytes. <i>Diabetologia</i> , <b>2017</b> , 60, 915-926	10.3	24
370	Dysregulation of Placental miRNA in Maternal Obesity Is Associated With Pre- and Postnatal Growth. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 2584-2594	5.6	45
369	Thyroid hormones induce browning of white fat. <i>Journal of Endocrinology</i> , <b>2017</b> , 232, 351-362	4.7	96
368	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> , <b>2017</b> , 23, 850-858	50.5	732
367	The Gut Metagenome Changes in Parallel to Waist Circumference, Brain Iron Deposition, and Cognitive Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 2962-2973	5.6	31
366	Adipocyte lipopolysaccharide binding protein (LBP) is linked to a specific lipidomic signature. <i>Obesity</i> , <b>2017</b> , 25, 391-400	8	6

365	Ferroportin mRNA is down-regulated in granulosa and cervical cells from infertile women. <i>Fertility and Sterility</i> , <b>2017</b> , 107, 236-242	4.8	1
364	MicroRNA-221-3p Regulates Angiopoietin-Like 8 (ANGPTL8) Expression in Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 4001-4012	5.6	16
363	An increase in visceral fat is associated with a decrease in the taste and olfactory capacity. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171204	3.7	43
362	Adipose tissue and serum CCDC80 in obesity and its association with related metabolic disease. <i>Molecular Medicine</i> , <b>2017</b> , 23, 225-234	6.2	7
361	The Microbiota and Energy Balanc. <i>Endocrinology</i> , <b>2017</b> , 1-18	0.1	
360	Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity. <i>Obesity</i> , <b>2017</b> , 25, 1723-1733	8	13
359	Increased adipose tissue heme levels and exportation are associated with altered systemic glucose metabolism. <i>Scientific Reports</i> , <b>2017</b> , 7, 5305	4.9	6
358	mRNA is linked to cholesterol metabolism in adipose tissue. <i>FASEB Journal</i> , <b>2017</b> , 31, 4482-4491	0.9	10
357	Neuroinflammation in obesity: circulating lipopolysaccharide-binding protein associates with brain structure and cognitive performance. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 1627-1635	5.5	20
356	Hepatic iron content is independently associated with serum hepcidin levels in subjects with obesity. <i>Clinical Nutrition</i> , <b>2017</b> , 36, 1434-1439	5.9	19
355	Nicotinamide N-methyltransferase expression decreases in iron overload, exacerbating toxicity in mouse hepatocytes. <i>Hepatology Communications</i> , <b>2017</b> , 1, 803-815	6	2
354	Adipocyte Differentiation <b>2017</b> , 69-90		9
353	Smell-taste dysfunctions in extreme weight/eating conditions: analysis of hormonal and psychological interactions. <i>Endocrine</i> , <b>2016</b> , 51, 256-67	4	58
352	Enduring Changes in Decision Making in Patients with Full Remission from Anorexia Nervosa. <i>European Eating Disorders Review</i> , <b>2016</b> , 24, 523-527	5.3	21
351	Changes in blood microbiota profiles associated with liver fibrosis in obese patients: A pilot analysis. <i>Hepatology</i> , <b>2016</b> , 64, 2015-2027	11.2	137
350	Role of Mitochondrial Complex IV in Age-Dependent Obesity. <i>Cell Reports</i> , <b>2016</b> , 16, 2991-3002	10.6	36
349	Modulation of Irisin and Physical Activity on Executive Functions in Obesity and Morbid obesity. <i>Scientific Reports</i> , <b>2016</b> , 6, 30820	4.9	18
348	Interaction Between Orexin-A and Sleep Quality in Females in Extreme Weight Conditions. <i>European Eating Disorders Review</i> , <b>2016</b> , 24, 510-517	5.3	8



347	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. <i>Nature Medicine</i> , <b>2016</b> , 22, 771-9	50.5	33
346	Lipopolysaccharide-binding protein is a negative regulator of adipose tissue browning in mice and humans. <i>Diabetologia</i> , <b>2016</b> , 59, 2208-18	10.3	31
345	Obesity Is Associated With Gene Expression and Imaging Markers of Iron Accumulation in Skeletal Muscle. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 1282-9	5.6	18
344	Serum Ferritin Relates to Carotid Intima-Media Thickness in Offspring of Fathers With Higher Serum Ferritin Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 174-80	9.4	9
343	Breath gas concentrations mirror exposure to sevoflurane and isopropyl alcohol in hospital environments in non-occupational conditions. <i>Journal of Breath Research</i> , <b>2016</b> , 10, 016001	3.1	11
342	Metabolomics uncovers the role of adipose tissue PDXK in adipogenesis and systemic insulin sensitivity. <i>Diabetologia</i> , <b>2016</b> , 59, 822-32	10.3	15
341	Thyroid Hormone Receptors Are Differentially Expressed in Granulosa and Cervical Cells of Infertile Women. <i>Thyroid</i> , <b>2016</b> , 26, 466-73	6.2	8
340	Orexin and sleep quality in anorexia nervosa: Clinical relevance and influence on treatment outcome. <i>Psychoneuroendocrinology</i> , <b>2016</b> , 65, 102-8	5	26
339	Bariatric surgery acutely changes the expression of inflammatory and lipogenic genes in obese adipose tissue. <i>Surgery for Obesity and Related Diseases</i> , <b>2016</b> , 12, 357-62	3	15
338	Nicotinamide N-Methyltransferase Expression Decreases in Iron Overload Exacerbating Iron-Induced Hepatotoxicity. <i>Blood</i> , <b>2016</b> , 128, 204-204	2.2	
337	Influence of Dietary Factors on Gut Microbiota: The Role on Insulin Resistance and Diabetes Mellitus <b>2016</b> , 147-154		
336	Decision Making Impairment: A Shared Vulnerability in Obesity, Gambling Disorder and Substance Use Disorders?. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163901	3.7	25
335	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> , <b>2016</b> , 11, e0148734	3.7	22
334	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> , <b>2016</b> , 60, 1673-83	5.9	28
333	Adipose tissue R2* signal is increased in subjects with obesity: A preliminary MRI study. <i>Obesity</i> , <b>2016</b> , 24, 352-8	8	6
332	Contrasting association of circulating sCD14 with insulin sensitivity in non-obese and morbidly obese subjects. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 103-9	5.9	7
331	Lower serum osteocalcin concentrations are associated with brain microstructural changes and worse cognitive performance. <i>Clinical Endocrinology</i> , <b>2016</b> , 84, 756-63	3.4	26
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328	Genome-wide DNA methylation pattern in visceral adipose tissue differentiates insulin-resistant from insulin-sensitive obese subjects. <i>Translational Research</i> , <b>2016</b> , 178, 13-24.e5	11	50
327	Gestational diabetes is associated with changes in placental microbiota and microbiome. <i>Pediatric Research</i> , <b>2016</b> , 80, 777-784	3.2	72
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45	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> , <b>2000</b> , 143, 235-41	6.5	10
44	The fat-free mass compartment influences serum leptin in men. <i>European Journal of Endocrinology</i> , <b>2000</b> , 142, 25-9	6.5	25
43	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> , <b>2000</b> , 23, 831-7	14.6	72
42	Body iron stores and early neurologic deterioration in acute cerebral infarction. <i>Neurology</i> , <b>2000</b> , 54, 1568-74	6.5	99

41	Interleukin-6 gene polymorphism and insulin sensitivity. <i>Diabetes</i> , <b>2000</b> , 49, 517-20	0.9	204
40	Morning cortisol levels and glucose effectiveness. <i>Metabolism: Clinical and Experimental</i> , <b>2000</b> , 49, 305-7	12.7	2
39	Interleukin-6 Gene Polymorphism and Lipid Abnormalities in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 1334-1339	5.6	61
38	Plasma total and glycosylated corticosteroid-binding globulin levels are associated with insulin secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 3192-6	5.6	36
37	Tumor necrosis factor system activity is associated with insulin resistance and dyslipidemia in myotonic dystrophy. <i>Diabetes</i> , <b>1999</b> , 48, 1108-12	0.9	61
36	Plasma oestrone-fatty acid ester levels are correlated with body fat mass in humans. <i>Clinical Endocrinology</i> , <b>1999</b> , 50, 253-60	3.4	26
35	Insulin resistance and inflammation in an evolutionary perspective: the contribution of cytokine genotype/phenotype to thriftiness. <i>Diabetologia</i> , <b>1999</b> , 42, 1367-74	10.3	205
34	C282Y and H63D mutations of the hemochromatosis candidate gene in type 2 diabetes. <i>Diabetes Care</i> , <b>1999</b> , 22, 525-6	14.6	30
33	Familial papillary thyroid microcarcinoma. <i>Lancet, The</i> , <b>1999</b> , 353, 1973-4	40	10
32	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> , <b>1999</b> , 146, 321-7	3.1	40
31	Insulin response to intravenous glucose correlates with plasma levels of the tumor necrosis factor receptor-1. <i>Diabetes Care</i> , <b>1999</b> , 22, 868-70	14.6	4
30	Plasma Total and Glycosylated Corticosteroid-Binding Globulin Levels Are Associated with Insulin Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 3192-3196	5.6	16
29	Study of glucose tolerance in consecutive patients harbouring incidental adrenal tumours. Study Group of Incidental Adrenal Adenoma. <i>Clinical Endocrinology</i> , <b>1998</b> , 49, 53-61	3.4	61
28	Leptin is involved in gender-related differences in insulin sensitivity. <i>Clinical Endocrinology</i> , <b>1998</b> , 49, 505-11	3.4	24
27	Beta 3-adrenoreceptor gene polymorphism and leptin. Lack of relationship in type 2 diabetic patients. <i>Clinical Endocrinology</i> , <b>1998</b> , 49, 679-83	3.4	18
26	Plasma levels of the soluble fraction of tumor necrosis factor receptor 2 and insulin resistance. <i>Diabetes</i> , <b>1998</b> , 47, 1757-62	0.9	188
25	Serum ferritin as a component of the insulin resistance syndrome. <i>Diabetes Care</i> , <b>1998</b> , 21, 62-8	14.6	237
24	Serum ferritin concentrations are not modified in the acute phase of ischemic stroke. <i>Stroke</i> , <b>1998</b> , 29, 258-60	6.7	16

23	The TNF-alpha gene Nco I polymorphism influences the relationship among insulin resistance, percent body fat, and increased serum leptin levels. <i>Diabetes</i> , <b>1997</b> , 46, 1468-72	0.9	200
22	The TNF-beta gene Nco I polymorphism is not associated with hypertriglyceridemia or insulin resistance in lean and obese subjects. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 236, 829-32	3.4	15
21	Lower cortisol levels after oral glucose in subjects with insulin resistance and abdominal obesity. <i>Clinical Endocrinology</i> , <b>1997</b> , 47, 583-8	3.4	10
20	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> , <b>1997</b> , 10, 212-6	4.7	13
19	A method for the measurement of plasma estrone fatty ester levels. <i>Analytical Biochemistry</i> , <b>1997</b> , 249, 247-50	3.1	29
18	The TNF-alpha gene Nco I polymorphism influences the relationship among insulin resistance, percent body fat, and increased serum leptin levels. <i>Diabetes</i> , <b>1997</b> , 46, 1468-1472	0.9	54
17	Expression of ICAM-1 in distant metastatic thyroid carcinoma. <i>Journal of Endocrinological Investigation</i> , <b>1996</b> , 19, 183-5	5.2	4
16	The relation between thyroid function and nutritional status in HIV-infected patients. <i>Clinical Endocrinology</i> , <b>1996</b> , 44, 53-8	3.4	15
15	Ectopic thyroid tissue presenting as a submandibular mass. <i>Head and Neck</i> , <b>1996</b> , 18, 87-90	4.2	40
14	Increased prothrombin fragment 1 + 2 and D-dimer in first-degree relatives of type 2 diabetic patients. Prethrombotic state in relatives of type 2 diabetic patients. <i>Acta Diabetologica</i> , <b>1996</b> , 33, 118-23 <sup>9</sup>	3.9	10
13	Increased prothrombin fragment 1+2 and D-dimer in first-degree relatives of type 2 diabetic patients <b>1996</b> , 33, 118		4
12	Primary hypothyroidism and concomitant bilateral ovarian masses. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>1995</b> , 8, 263-6	1.6	5
11	Pituitary apoplexy into nonadenomatous tissue: case report and review. <i>American Journal of the Medical Sciences</i> , <b>1995</b> , 310, 68-70	2.2	26
10	Pre-clinical Cushing <sup>o</sup> syndrome: report of three cases and literature review. <i>Hormone Research</i> , <b>1994</b> , 41, 230-5		42
9	Iron-related damage in acute ischemic stroke. <i>Stroke</i> , <b>1994</b> , 25, 1543-6	6.7	93
8	Oesophageal carcinoma presenting as isolated malignant hypercalcaemia. <i>Postgraduate Medical Journal</i> , <b>1994</b> , 70, 765-6	2	1
7	Giant intrasellar aneurysm presenting with panhypopituitarism and subarachnoid hemorrhage: case report and literature review. <i>The Clinical Investigator</i> , <b>1994</b> , 72, 302-6		18
6	Study on growth hormone and insulin secretion in myotonic dystrophy. <i>The Clinical Investigator</i> , <b>1994</b> , 72, 508-11		2

5	Hyponatremia and benzodiazepines result in rhabdomyolysis. <i>Annals of Pharmacotherapy</i> , <b>1994</b> , 28, 1200-1	5
4	Tuberculous Addison disease. Utility of CT in diagnosis and follow-up. <i>European Journal of Radiology</i> , <b>1993</b> , 17, 210-3	4-7 19
3	Hemifacial spasm and hypothyroidism. <i>Lancet, The</i> , <b>1993</b> , 342, 1112	40 3
2	The cause of elevated glycosylated haemoglobin concentrations in AIDS. <i>Aids</i> , <b>1993</b> , 7, 1274-5	3-5 2
1	GH secretion status in myotonic dystrophy. <i>Psychoneuroendocrinology</i> , <b>1993</b> , 18, 183-90	5 9