

Francisco J Tinahones

List of Publications by Citations

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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.

262
papers

8,865
citations

44
h-index

85
g-index

281
ext. papers

11,138
ext. citations

5.3
avg, IF

6.1
L-index

#	Paper	IF	Citations
262	Benefits of polyphenols on gut microbiota and implications in human health. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1415-22	6.3	870
261	Gut microbiota in children with type 1 diabetes differs from that in healthy children: a case-control study. <i>BMC Medicine</i> , 2013 , 11, 46	11.4	447
260	Influence of red wine polyphenols and ethanol on the gut microbiota ecology and biochemical biomarkers. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1323-34	7	433
259	Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. <i>Nature</i> , 2011 , 478, 97-102	50.4	322
258	Gut microbiota composition in male rat models under different nutritional status and physical activity and its association with serum leptin and ghrelin levels. <i>PLoS ONE</i> , 2013 , 8, e65465	3.7	278
257	Impact of the gut microbiota on the development of obesity and type 2 diabetes mellitus. <i>Frontiers in Microbiology</i> , 2014 , 5, 190	5.7	186
256	Lifestyle recommendations for the prevention and management of metabolic syndrome: an international panel recommendation. <i>Nutrition Reviews</i> , 2017 , 75, 307-326	6.4	183
255	Two Healthy Diets Modulate Gut Microbial Community Improving Insulin Sensitivity in a Human Obese Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 233-42	5.6	159
254	Executive functions profile in extreme eating/weight conditions: from anorexia nervosa to obesity. <i>PLoS ONE</i> , 2012 , 7, e43382	3.7	141
253	Dulaglutide as add-on therapy to SGLT2 inhibitors in patients with inadequately controlled type 2 diabetes (AWARD-10): a 24-week, randomised, double-blind, placebo-controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 370-381	18.1	137
252	The obese healthy paradox: is inflammation the answer?. <i>Biochemical Journal</i> , 2010 , 430, 141-9	3.8	133
251	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , 2018 , 12, 1642-1657	11.9	132
250	Intermittent hypoxia alters gut microbiota diversity in a mouse model of sleep apnoea. <i>European Respiratory Journal</i> , 2015 , 45, 1055-65	13.6	129
249	Lifetime obesity in patients with eating disorders: increasing prevalence, clinical and personality correlates. <i>European Eating Disorders Review</i> , 2012 , 20, 250-4	5.3	127
248	Effect of a Lifestyle Intervention Program With Energy-Restricted Mediterranean Diet and Exercise on Weight Loss and Cardiovascular Risk Factors: One-Year Results of the PREDIMED-Plus Trial. <i>Diabetes Care</i> , 2019 , 42, 777-788	14.6	123
247	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, 857270	2.7	117
246	Prandial Options to Advance Basal Insulin Glargine Therapy: Testing Lixisenatide Plus Basal Insulin Versus Insulin Glulisine Either as Basal-Plus or Basal-Bolus in Type 2 Diabetes: The GetGoal Duo-2 Trial. <i>Diabetes Care</i> , 2016 , 39, 1318-28	14.6	103

245	Gut Microbiota Differs in Composition and Functionality Between Children With Type 1 Diabetes and MODY2 and Healthy Control Subjects: A Case-Control Study. <i>Diabetes Care</i> , 2018 , 41, 2385-2395	14.6	103
244	Study of the potential association of adipose tissue GLP-1 receptor with obesity and insulin resistance. <i>Endocrinology</i> , 2011 , 152, 4072-9	4.8	96
243	High levels of Bifidobacteria are associated with increased levels of anthocyanin microbial metabolites: a randomized clinical trial. <i>Food and Function</i> , 2014 , 5, 1932-8	6.1	88
242	Metabolomic insights into the intricate gut microbial-host interaction in the development of obesity and type 2 diabetes. <i>Frontiers in Microbiology</i> , 2015 , 6, 1151	5.7	85
241	Efficacy and safety of alirocumab in insulin-treated individuals with type 1 or type 2 diabetes and high cardiovascular risk: The ODYSSEY DM-INSULIN randomized trial. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 1781-1792	6.7	84
240	The gene expression of the main lipogenic enzymes is downregulated in visceral adipose tissue of obese subjects. <i>Obesity</i> , 2010 , 18, 13-20	8	84
239	Obesity short-circuits stemness gene network in human adipose multipotent stem cells. <i>FASEB Journal</i> , 2011 , 25, 4111-26	0.9	82
238	Does Metabolically Healthy Obesity Exist?. <i>Nutrients</i> , 2016 , 8,	6.7	75
237	Adipose tissue gene expression of factors related to lipid processing in obesity. <i>PLoS ONE</i> , 2011 , 6, e24783	9.7	74
236	Dietary and Gut Microbiota Polyamines in Obesity- and Age-Related Diseases. <i>Frontiers in Nutrition</i> , 2019 , 6, 24	6.2	70
235	Gut microbiota and type 2 diabetes mellitus. <i>Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion</i> , 2016 , 63, 560-568		70
234	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, E591-5	5.6	67
233	Mediterranean diet supplemented with coenzyme Q10 modifies the expression of proinflammatory and endoplasmic reticulum stress-related genes in elderly men and women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012 , 67, 3-10	6.4	64
232	Alirocumab vs usual lipid-lowering care as add-on to statin therapy in individuals with type 2 diabetes and mixed dyslipidaemia: The ODYSSEY DM-DYSLIPIDEMIA randomized trial. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1479-1489	6.7	63
231	Obesity Determines the Immunophenotypic Profile and Functional Characteristics of Human Mesenchymal Stem Cells From Adipose Tissue. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 464-75	6.9	61
230	Smell-taste dysfunctions in extreme weight/eating conditions: analysis of hormonal and psychological interactions. <i>Endocrine</i> , 2016 , 51, 256-67	4	58
229	Disruption of GIP/GIPR axis in human adipose tissue is linked to obesity and insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E908-19	5.6	58
228	Insulin resistance is associated with specific gut microbiota in appendix samples from morbidly obese patients. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 5672-5684	3	58

227	Effect of acute and chronic red wine consumption on lipopolysaccharide concentrations. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1053-61	7	56
226	Evidence of cognitive and neurophysiological impairment in patients with untreated naive acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4367-79	5.6	55
225	Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. <i>Clinica Chimica Acta</i> , 2016 , 463, 53-61	6.2	55
224	Importance of gut microbiota in obesity. <i>European Journal of Clinical Nutrition</i> , 2019 , 72, 26-37	5.2	49
223	Gut and microbial resveratrol metabolite profiling after moderate long-term consumption of red wine versus dealcoholized red wine in humans by an optimized ultra-high-pressure liquid chromatography tandem mass spectrometry method. <i>Journal of Chromatography A</i> , 2012 , 1265, 105-13	4.5	47
222	CDK4 is an essential insulin effector in adipocytes. <i>Journal of Clinical Investigation</i> , 2016 , 126, 335-48	15.9	47
221	Neonatal Androgen Exposure Causes Persistent Gut Microbiota Dysbiosis Related to Metabolic Disease in Adult Female Rats. <i>Endocrinology</i> , 2016 , 157, 4888-4898	4.8	47
220	Changes in oxidative stress and insulin resistance in morbidly obese patients after bariatric surgery. <i>Obesity Surgery</i> , 2010 , 20, 363-8	3.7	46
219	Clinical phenotype clustering in cardiovascular risk patients for the identification of responsive metabolotypes after red wine polyphenol intake. <i>Journal of Nutritional Biochemistry</i> , 2016 , 28, 114-20	6.3	44
218	Increased dihydroceramide/ceramide ratio mediated by defective expression of degs1 impairs adipocyte differentiation and function. <i>Diabetes</i> , 2015 , 64, 1180-92	0.9	43
217	An increase in visceral fat is associated with a decrease in the taste and olfactory capacity. <i>PLoS ONE</i> , 2017 , 12, e0171204	3.7	43
216	Metabolic phenotypes of obesity influence triglyceride and inflammation homeostasis. <i>European Journal of Clinical Investigation</i> , 2014 , 44, 1053-64	4.6	41
215	Insulin resistance determines a differential response to changes in dietary fat modification on metabolic syndrome risk factors: the LIPGENE study. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1509-17	7	40
214	Relationship between eating styles and temperament in an Anorexia Nervosa, Healthy Control, and Morbid Obesity female sample. <i>Appetite</i> , 2014 , 76, 76-83	4.5	40
213	Zinc-alpha 2-glycoprotein gene expression in adipose tissue is related with insulin resistance and lipolytic genes in morbidly obese patients. <i>PLoS ONE</i> , 2012 , 7, e33264	3.7	40
212	Inflammation, oxidative stress and metabolic syndrome: dietary modulation. <i>Current Vascular Pharmacology</i> , 2013 , 11, 906-19	3.3	39
211	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	8.4	38
210	Effect of a Nutritional and Behavioral Intervention on Energy-Reduced Mediterranean Diet Adherence Among Patients With Metabolic Syndrome: Interim Analysis of the PREDIMED-Plus Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1486-1499	27.4	38

209	Plasma metabolomic biomarkers of mixed nuts exposure inversely correlate with severity of metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2480-90	5.9	38
208	Postprandial inflammatory response in adipose tissue of patients with metabolic syndrome after the intake of different dietary models. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1759-70	5.9	38
207	Adipose tissue glycogen accumulation is associated with obesity-linked inflammation in humans. <i>Molecular Metabolism</i> , 2016 , 5, 5-18	8.8	37
206	Proteomic analysis of visceral adipose tissue in pre-obese patients with type 2 diabetes. <i>Molecular and Cellular Endocrinology</i> , 2013 , 376, 99-106	4.4	37
205	Metabolomics-guided insights on bariatric surgery versus behavioral interventions for weight loss. <i>Obesity</i> , 2016 , 24, 2451-2466	8	37
204	Lipopolysaccharide and lipopolysaccharide-binding protein levels and their relationship to early metabolic improvement after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2015 , 11, 933-9 ³		36
203	Lixisenatide plus basal insulin in patients with type 2 diabetes mellitus: a meta-analysis. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 880-6	3.2	36
202	Microbial metabolomic fingerprinting in urine after regular dealcoholized red wine consumption in humans. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 9166-75	5.7	36
201	Gut microbiota adaptation after weight loss by Roux-en-Y gastric bypass or sleeve gastrectomy bariatric surgeries. <i>Surgery for Obesity and Related Diseases</i> , 2019 , 15, 1888-1895	3	35
200	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, E1467-76	5.6	35
199	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> , 2020 , 28, 871-883	5.3	35
198	Metabolic endotoxemia promotes adipose dysfunction and inflammation in human obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E319-E332	6	35
197	Circulating Betatrophin Levels Are Increased in Anorexia and Decreased in Morbidly Obese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1188-96	5.6	34
196	Olfaction in eating disorders and abnormal eating behavior: a systematic review. <i>Frontiers in Psychology</i> , 2015 , 6, 1431	3.4	34
195	Linagliptin as add-on to empagliflozin and metformin in patients with type 2 diabetes: Two 24-week randomized, double-blind, double-dummy, parallel-group trials. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 266-274	6.7	33
194	Mediterranean diet improves endothelial function in patients with diabetes and prediabetes: A report from the CORDIOPREV study. <i>Atherosclerosis</i> , 2018 , 269, 50-56	3.1	32
193	Postprandial antioxidant gene expression is modified by Mediterranean diet supplemented with coenzyme Q(10) in elderly men and women. <i>Age</i> , 2013 , 35, 159-70		32
192	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	5.3	32

191	Commonalities in the Association between PPARG and Vitamin D Related with Obesity and Carcinogenesis. <i>PPAR Research</i> , 2016 , 2016, 2308249	4.3	32
190	Identification of an epismature of human colorectal cancer associated with obesity by genome-wide DNA methylation analysis. <i>International Journal of Obesity</i> , 2019 , 43, 176-188	5.5	32
189	New and vintage solutions to enhance the plasma metabolome coverage by LC-ESI-MS untargeted metabolomics: the not-so-simple process of method performance evaluation. <i>Analytical Chemistry</i> , 2015 , 87, 2639-47	7.8	31
188	Type 2 diabetes and cognitive impairment in an older population with overweight or obesity and metabolic syndrome: baseline cross-sectional analysis of the PREDIMED-plus study. <i>Scientific Reports</i> , 2018 , 8, 16128	4.9	31
187	Total and Subtypes of Dietary Fat Intake and Its Association with Components of the Metabolic Syndrome in a Mediterranean Population at High Cardiovascular Risk. <i>Nutrients</i> , 2019 , 11,	6.7	30
186	Neurocognitive function in acromegaly after surgical resection of GH-secreting adenoma versus naïve acromegaly. <i>PLoS ONE</i> , 2013 , 8, e60041	3.7	29
185	Co-occurrence of non-suicidal self-injury and impulsivity in extreme weight conditions. <i>Personality and Individual Differences</i> , 2013 , 54, 137-140	3.3	28
184	Moderate-vigorous physical activity across body mass index in females: moderating effect of endocannabinoids and temperament. <i>PLoS ONE</i> , 2014 , 9, e104534	3.7	28
183	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, 1673-83	5.9	28
182	Gut microbiota and type 2 diabetes mellitus. <i>Endocrinología Y Nutrición (English Edition)</i> , 2016 , 63, 560-568		28
181	Eradication Treatment Alters Gut Microbiota and GLP-1 Secretion in Humans. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	27
180	An acute intake of a walnut-enriched meal improves postprandial adiponectin response in healthy young adults. <i>Nutrition Research</i> , 2013 , 33, 1012-8	4	27
179	Orexin and sleep quality in anorexia nervosa: Clinical relevance and influence on treatment outcome. <i>Psychoneuroendocrinology</i> , 2016 , 65, 102-8	5	26
178	Metabolic and Endocrine Consequences of Bariatric Surgery. <i>Frontiers in Endocrinology</i> , 2019 , 10, 626	5.7	25
177	De novo lipogenesis in adipose tissue is associated with course of morbid obesity after bariatric surgery. <i>PLoS ONE</i> , 2012 , 7, e31280	3.7	25
176	Decision Making Impairment: A Shared Vulnerability in Obesity, Gambling Disorder and Substance Use Disorders?. <i>PLoS ONE</i> , 2016 , 11, e0163901	3.7	25
175	Mediterranean Diet Reduces Serum Advanced Glycation End Products and Increases Antioxidant Defenses in Elderly Adults: A Randomized Controlled Trial. <i>Journal of the American Geriatrics Society</i> , 2016 , 64, 901-4	5.6	25
174	The Role of Autophagy in White Adipose Tissue Function: Implications for Metabolic Health. <i>Metabolites</i> , 2020 , 10,	5.6	24

173	Gut Microbiota Composition Is Associated With the Global DNA Methylation Pattern in Obesity. <i>Frontiers in Genetics</i> , 2019 , 10, 613	4.5	24
172	Changes in Body Composition in Anorexia Nervosa: Predictors of Recovery and Treatment Outcome. <i>PLoS ONE</i> , 2015 , 10, e0143012	3.7	24
171	Hypertriglyceridemia influences the degree of postprandial lipemic response in patients with metabolic syndrome and coronary artery disease: from the CORDIOPREV study. <i>PLoS ONE</i> , 2014 , 9, e96297	3.7	24
170	Modulation of Higher-Order Olfaction Components on Executive Functions in Humans. <i>PLoS ONE</i> , 2015 , 10, e0130319	3.7	24
169	Obesity and menopause modify the epigenomic profile of breast cancer. <i>Endocrine-Related Cancer</i> , 2017 , 24, 351-363	5.7	23
168	Effect of Dietary Lipids on Endotoxemia Influences Postprandial Inflammatory Response. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 7756-7763	5.7	23
167	Phenolic and microbial-targeted metabolomics to discovering and evaluating wine intake biomarkers in human urine and plasma. <i>Electrophoresis</i> , 2015 , 36, 2259-2268	3.6	23
166	BIM-23A760 influences key functional endpoints in pituitary adenomas and normal pituitaries: molecular mechanisms underlying the differential response in adenomas. <i>Scientific Reports</i> , 2017 , 7, 42002	4.9	22
165	H. pylori eradication with antibiotic treatment causes changes in glucose homeostasis related to modifications in the gut microbiota. <i>PLoS ONE</i> , 2019 , 14, e0213548	3.7	22
164	Adipose tissue infiltration in normal-weight subjects and its impact on metabolic function. <i>Translational Research</i> , 2016 , 172, 6-17.e3	11	22
163	GLP-1 and peptide YY secretory response after fat load is impaired by insulin resistance, impaired fasting glucose and type 2 diabetes in morbidly obese subjects. <i>Clinical Endocrinology</i> , 2014 , 80, 671-6	3.4	22
162	Carbohydrate quality changes and concurrent changes in cardiovascular risk factors: a longitudinal analysis in the PREDIMED-Plus randomized trial. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 291-306	7	22
161	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	3.7	22
160	Cross-sectional associations of objectively-measured sleep characteristics with obesity and type 2 diabetes in the PREDIMED-Plus trial. <i>Sleep</i> , 2018 , 41,	1.1	22
159	Dietary fat quantity and quality modifies advanced glycation end products metabolism in patients with metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1601029	5.9	21
158	How Can a Good Idea Fail? Basal Insulin Peglispro [LY2605541] for the Treatment of Type 2 Diabetes. <i>Diabetes Therapy</i> , 2017 , 8, 9-22	3.6	21
157	Enduring Changes in Decision Making in Patients with Full Remission from Anorexia Nervosa. <i>European Eating Disorders Review</i> , 2016 , 24, 523-527	5.3	21
156	Keto microbiota: A powerful contributor to host disease recovery. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019 , 20, 415-425	10.5	21

155	Design and rationale of the ODYSSEY DM-DYSLIPIDEMIA trial: lipid-lowering efficacy and safety of alirocumab in individuals with type 2 diabetes and mixed dyslipidaemia at high cardiovascular risk. <i>Cardiovascular Diabetology</i> , 2017 , 16, 70	8.7	21
154	Hypoxia is associated with a lower expression of genes involved in lipogenesis in visceral adipose tissue. <i>Journal of Translational Medicine</i> , 2015 , 13, 373	8.5	21
153	Pro12Ala sequence variant of the PPARG gene is associated with postprandial hypertriglyceridemia in non-E3/E3 patients with the metabolic syndrome. <i>Clinical Chemistry</i> , 2006 , 52, 1920-5	5.5	21
152	Seafood Consumption, Omega-3 Fatty Acids Intake, and Life-Time Prevalence of Depression in the PREDIMED-Plus Trial. <i>Nutrients</i> , 2018 , 10,	6.7	21
151	Mediterranean Diet Supplemented With Coenzyme Q10 Modulates the Postprandial Metabolism of Advanced Glycation End Products in Elderly Men and Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 340-346	6.4	20
150	Modulation of the Endocannabinoids N-Arachidonylethanolamine (AEA) and 2-Arachidonoylglycerol (2-AG) on Executive Functions in Humans. <i>PLoS ONE</i> , 2013 , 8, e66387	3.7	20
149	Gut microbiota specific signatures are related to the successful rate of bariatric surgery. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 942-952	3	18
148	Type 2 Diabetes Is Associated with a Different Pattern of Serum Polyamines: A Case-Control Study from the PREDIMED-Plus Trial. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	18
147	Effectiveness of the physical activity intervention program in the PREDIMED-Plus study: a randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 110	8.4	18
146	Metabolomics for Biomarkers of Type 2 Diabetes Mellitus: Advances and Nutritional Intervention Trends. <i>Current Cardiovascular Risk Reports</i> , 2015 , 9, 1	0.9	17
145	Assessment of postprandial triglycerides in clinical practice: Validation in a general population and coronary heart disease patients. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 1163-71	4.9	17
144	Diet quality and nutrient density in subjects with metabolic syndrome: Influence of socioeconomic status and lifestyle factors. A cross-sectional assessment in the PREDIMED-Plus study. <i>Clinical Nutrition</i> , 2020 , 39, 1161-1173	5.9	17
143	Secondary male hypogonadism: A prevalent but overlooked comorbidity of obesity. <i>Asian Journal of Andrology</i> , 2018 , 20, 531-538	2.8	17
142	Survivin, a key player in cancer progression, increases in obesity and protects adipose tissue stem cells from apoptosis. <i>Cell Death and Disease</i> , 2017 , 8, e2802	9.8	16
141	Physical fitness and physical activity association with cognitive function and quality of life: baseline cross-sectional analysis of the PREDIMED-Plus trial. <i>Scientific Reports</i> , 2020 , 10, 3472	4.9	16
140	Adipose tissue depot-specific intracellular and extracellular cues contributing to insulin resistance in obese individuals. <i>FASEB Journal</i> , 2020 , 34, 7520-7539	0.9	16
139	Effect of Synbiotic Supplementation in a Very-Low-Calorie Ketogenic Diet on Weight Loss Achievement and Gut Microbiota: A Randomized Controlled Pilot Study. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900167	5.9	16
138	Dietary fat modifies lipid metabolism in the adipose tissue of metabolic syndrome patients. <i>Genes and Nutrition</i> , 2014 , 9, 409	4.3	16

137	The cannabinoid ligand LH-21 reduces anxiety and improves glucose handling in diet-induced obese pre-diabetic mice. <i>Scientific Reports</i> , 2017 , 7, 3946	4.9	16
136	Postprandial effects of the Mediterranean diet on oxidant and antioxidant status in elderly men and women. <i>Journal of the American Geriatrics Society</i> , 2011 , 59, 938-40	5.6	16
135	Zinc- α -Glycoprotein Modulates AKT-Dependent Insulin Signaling in Human Adipocytes by Activation of the PP2A Phosphatase. <i>PLoS ONE</i> , 2015 , 10, e0129644	3.7	16
134	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	4.4	15
133	Reduced Plasma Orexin-A Concentrations are Associated with Cognitive Deficits in Anorexia Nervosa. <i>Scientific Reports</i> , 2019 , 9, 7910	4.9	15
132	Proteome from patients with metabolic syndrome is regulated by quantity and quality of dietary lipids. <i>BMC Genomics</i> , 2015 , 16, 509	4.5	15
131	Virgin olive oil rich in phenolic compounds modulates the expression of atherosclerosis-related genes in vascular endothelium. <i>European Journal of Nutrition</i> , 2016 , 55, 519-527	5.2	15
130	A New Perspective on the Health Benefits of Moderate Beer Consumption: Involvement of the Gut Microbiota. <i>Metabolites</i> , 2019 , 9,	5.6	15
129	Dietary Diversity and Nutritional Adequacy among an Older Spanish Population with Metabolic Syndrome in the PREDIMED-Plus Study: A Cross-Sectional Analysis. <i>Nutrients</i> , 2019 , 11,	6.7	14
128	Untargeted Profiling of Concordant/Discordant Phenotypes of High Insulin Resistance and Obesity To Predict the Risk of Developing Diabetes. <i>Journal of Proteome Research</i> , 2018 , 17, 2307-2317	5.6	14
127	Munc18c in adipose tissue is downregulated in obesity and is associated with insulin. <i>PLoS ONE</i> , 2013 , 8, e63937	3.7	14
126	New molecular biomarkers in differentiated thyroid carcinoma: Impact of miR-146, miR-221 and miR-222 levels in the evolution of the disease. <i>Clinical Endocrinology</i> , 2019 , 91, 187-194	3.4	13
125	Differential effects of restrictive and malabsorptive bariatric surgery procedures on the serum lipidome in obese subjects. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 1502-1512	4.9	13
124	Alirocumab therapy in individuals with type 2 diabetes mellitus and atherosclerotic cardiovascular disease: analysis of the ODYSSEY DM-DYSLIPIDEMIA and DM-INSULIN studies. <i>Cardiovascular Diabetology</i> , 2019 , 18, 149	8.7	13
123	Postprandial activation of p53-dependent DNA repair is modified by Mediterranean diet supplemented with coenzyme Q10 in elderly subjects. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 886-93	6.4	13
122	miR-20b, miR-296, and Let-7f Expression in Human Adipose Tissue is Related to Obesity and Type 2 Diabetes. <i>Obesity</i> , 2019 , 27, 245-254	8	13
121	Phase angle and standardized phase angle from bioelectrical impedance measurements as a prognostic factor for mortality at 90 days in patients with COVID-19: A longitudinal cohort study. <i>Clinical Nutrition</i> , 2021 ,	5.9	13
120	Effect of alirocumab on individuals with type 2 diabetes, high triglycerides, and low high-density lipoprotein cholesterol. <i>Cardiovascular Diabetology</i> , 2020 , 19, 14	8.7	12

119	Dietary fat differentially influences the lipids storage on the adipose tissue in metabolic syndrome patients. <i>European Journal of Nutrition</i> , 2014 , 53, 617-26	5.2	12
118	Effects of a long-term lifestyle intervention on metabolically healthy women with obesity: Metabolite profiles according to weight loss response. <i>Clinical Nutrition</i> , 2020 , 39, 215-224	5.9	12
117	Adherence to a priori dietary indexes and baseline prevalence of cardiovascular risk factors in the PREDIMED-Plus randomised trial. <i>European Journal of Nutrition</i> , 2020 , 59, 1219-1232	5.2	12
116	Validity of the energy-restricted Mediterranean Diet Adherence Screener. <i>Clinical Nutrition</i> , 2021 , 40, 4971-4979	5.9	12
115	Impact of Intensive Lifestyle Modification on Levels of Adipokines and Inflammatory Biomarkers in Metabolically Healthy Obese Women. <i>Mediators of Inflammation</i> , 2019 , 2019, 4165260	4.3	11
114	Ghrelin levels could be involved in the improvement of insulin resistance after bariatric surgery. <i>Endocrinología, Diabetes Y Nutrición</i> , 2017 , 64, 355-362	1.3	11
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