

Amelia Marti

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2314312/amelia-marti-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

190
papers

10,860
citations

51
h-index

99
g-index

209
ext. papers

12,330
ext. citations

4.3
avg, IF

5.86
L-index

#	Paper	IF	Citations
190	Circulating miRNAs in girls with abdominal obesity: miR-221-3p as a biomarker of response to weight loss interventions.. <i>Pediatric Obesity</i> , 2022 , e12910	4.6	1
189	Higher adherence to an empirically derived Mediterranean dietary pattern is positively associated with telomere length: the Seguimiento Universidad de Navarra (SUN) project. <i>British Journal of Nutrition</i> , 2021 , 126, 531-540	3.6	1
188	Modulation of Telomere Length by Mediterranean Diet, Caloric Restriction, and Exercise: Results from PREDIMED-Plus Study. <i>Antioxidants</i> , 2021 , 10,	7.1	2
187	Association between ideal cardiovascular health and telomere length in participants older than 55 years old from the SUN cohort. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021 ,	0.7	1
186	Association between favourable changes in objectively measured physical activity and telomere length after a lifestyle intervention in pediatric patients with abdominal obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 205-212	3	6
185	Higher Lipopolysaccharide Binding Protein and Chemerin Concentrations Were Associated with Metabolic Syndrome Features in Pediatric Subjects with Abdominal Obesity during a Lifestyle Intervention. <i>Nutrients</i> , 2021 , 13,	6.7	3
184	Interplay between cognition and weight reduction in individuals following a Mediterranean Diet: Three-year follow-up of the PREDIMED-Plus trial. <i>Clinical Nutrition</i> , 2021 , 40, 5221-5237	5.9	4
183	Associations of telomere length with two dietary quality indices after a lifestyle intervention in children with abdominal obesity: a randomized controlled trial. <i>Pediatric Obesity</i> , 2020 , 15, e12661	4.6	4
182	NADPH Oxidase Overactivity Underlies Telomere Shortening in Human Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
181	Ultra-processed food consumption and the risk of short telomeres in an elderly population of the Seguimiento Universidad de Navarra (SUN) Project. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 1259-1266 ¹⁵	7	15
180	Associations of telomere length with anthropometric and glucose changes after a lifestyle intervention in abdominal obese children. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 694-700	4.5	8
179	Association between diet quality indexes and the risk of short telomeres in an elderly population of the SUN project. <i>Clinical Nutrition</i> , 2020 , 39, 2487-2494	5.9	13
178	Mediterranean Diet and Telomere Length: A Systematic Review and Meta-Analysis. <i>Advances in Nutrition</i> , 2020 , 11, 1544-1554	10	27
177	Associations between olfactory pathway gene methylation marks, obesity features and dietary intakes. <i>Genes and Nutrition</i> , 2019 , 14, 11	4.3	10
176	Melanocortin-4 Receptor and Lipocalin 2 Gene Variants in Spanish Children with Abdominal Obesity: Effects on BMI-SDS After a Lifestyle Intervention. <i>Nutrients</i> , 2019 , 11,	6.7	3
175	Pistachio consumption modulates DNA oxidation and genes related to telomere maintenance: a crossover randomized clinical trial. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1738-1745	7	11
174	Changes in objectively measured physical activity after a multidisciplinary lifestyle intervention in children with abdominal obesity: a randomized control trial. <i>BMC Pediatrics</i> , 2019 , 19, 90	2.6	6

173	Dietary inflammatory index and all-cause mortality in large cohorts: The SUN and PREDIMED studies. <i>Clinical Nutrition</i> , 2019 , 38, 1221-1231	5.9	55
172	A Mediterranean Diet Rich in Extra-Virgin Olive Oil Is Associated with a Reduced Prevalence of Nonalcoholic Fatty Liver Disease in Older Individuals at High Cardiovascular Risk. <i>Journal of Nutrition</i> , 2019 , 149, 1920-1929	4.1	35
171	Effects of antidepressant and antipsychotic use on weight gain: A systematic review. <i>Obesity Reviews</i> , 2019 , 20, 1680-1690	10.6	25
170	Omega-3 fatty acids and cognitive decline: a systematic review. <i>Nutricion Hospitalaria</i> , 2019 , 36, 939-949	1	11
169	Diet quality index as a predictor of treatment efficacy in overweight and obese adolescents: The EVASYON study. <i>Clinical Nutrition</i> , 2019 , 38, 782-790	5.9	8
168	Changes in plasma fatty acid composition are associated with improvements in obesity and related metabolic disorders: A therapeutic approach to overweight adolescents. <i>Clinical Nutrition</i> , 2018 , 37, 149-156	5.9	14
167	Legume consumption is inversely associated with type 2 diabetes incidence in adults: A prospective assessment from the PREDIMED study. <i>Clinical Nutrition</i> , 2018 , 37, 906-913	5.9	71
166	PTPRS and PER3 methylation levels are associated with childhood obesity: results from a genome-wide methylation analysis. <i>Pediatric Obesity</i> , 2018 , 13, 149-158	4.6	23
165	DNA methylation patterns at sweet taste transducing genes are associated with BMI and carbohydrate intake in an adult population. <i>Appetite</i> , 2018 , 120, 230-239	4.5	14
164	Dopamine gene methylation patterns are associated with obesity markers and carbohydrate intake. <i>Brain and Behavior</i> , 2018 , 8, e01017	3.4	17
163	Reduced serotonin levels after a lifestyle intervention in obese children: association with glucose and anthropometric measurements. <i>Nutricion Hospitalaria</i> , 2018 , 35, 279-285	1	3
162	Serum and gene expression levels of CT-1, IL-6, and TNF- α after a lifestyle intervention in obese children. <i>Pediatric Diabetes</i> , 2018 , 19, 217-222	3.6	19
161	Improved Diet Quality and Nutrient Adequacy in Children and Adolescents with Abdominal Obesity after a Lifestyle Intervention. <i>Nutrients</i> , 2018 , 10,	6.7	36
160	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 453-475	7	69
159	Relation between plasma antioxidant vitamin levels, adiposity and cardio-metabolic profile in adolescents: Effects of a multidisciplinary obesity programme. <i>Clinical Nutrition</i> , 2017 , 36, 209-217	5.9	14
158	DNA methylation of miRNA coding sequences putatively associated with childhood obesity. <i>Pediatric Obesity</i> , 2017 , 12, 19-27	4.6	30
157	Association of telomere length with IL-6 levels during an obesity treatment in adolescents: interaction with the-174G/C polymorphism in the IL-6 gene. <i>Pediatric Obesity</i> , 2017 , 12, 257-263	4.6	6
156	Egg consumption and cardiovascular disease according to diabetic status: The PREDIMED study. <i>Clinical Nutrition</i> , 2017 , 36, 1015-1021	5.9	33

155	Prevention, diagnosis, and treatment of obesity. 2016 position statement of the Spanish Society for the Study of Obesity. <i>Endocrinología y Diabetes Y Nutrición (English Ed)</i> , 2017 , 64, 15-22	0.1	4
154	Prediction of Cardiovascular Disease by the Framingham-REGICOR Equation in the High-Risk PREDIMED Cohort: Impact of the Mediterranean Diet Across Different Risk Strata. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	11
153	Impact of Consuming Extra-Virgin Olive Oil or Nuts within a Mediterranean Diet on DNA Methylation in Peripheral White Blood Cells within the PREDIMED-Navarra Randomized Controlled Trial: A Role for Dietary Lipids. <i>Nutrients</i> , 2017 , 10,	6.7	58
152	Guide for Current Nutrigenetic, Nutrigenomic, and Nutriepigenetic Approaches for Precision Nutrition Involving the Prevention and Management of Chronic Diseases Associated with Obesity. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2017 , 10, 43-62		80
151	Prevention, diagnosis, and treatment of obesity. 2016 position statement of the Spanish Society for the Study of Obesity. <i>Endocrinología, Diabetes Y Nutrición</i> , 2017 , 64 Suppl 1, 15-22	1.3	40
150	Serum oxidized low-density lipoprotein levels are related to cardiometabolic risk and decreased after a weight loss treatment in obese children and adolescents. <i>Pediatric Diabetes</i> , 2017 , 18, 392-398	3.6	10
149	Relationship between body mass index and depression in women: A 7-year prospective cohort study. The APNA study. <i>European Psychiatry</i> , 2016 , 32, 55-60	6	28
148	Dietary ω -linolenic Acid, Marine ω Fatty Acids, and Mortality in a Population With High Fish Consumption: Findings From the PREvención con Dieta MEDiterránea (PREDIMED) Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	48
147	Yogurt consumption and abdominal obesity reversion in the PREDIMED study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016 , 26, 468-75	4.5	25
146	Behavioral predictors of attrition in adolescents participating in a multidisciplinary obesity treatment program: EVASYON study. <i>International Journal of Obesity</i> , 2016 , 40, 84-7	5.5	12
145	Association between dietary fibre intake and fruit, vegetable or whole-grain consumption and the risk of CVD: results from the PREvención con Dieta MEDiterránea (PREDIMED) trial. <i>British Journal of Nutrition</i> , 2016 , 116, 534-46	3.6	57
144	Adherence to Mediterranean diet is associated with methylation changes in inflammation-related genes in peripheral blood cells. <i>Journal of Physiology and Biochemistry</i> , 2016 , 73, 445-455	5	78
143	Mediterranean diet and telomere length in high cardiovascular risk subjects from the PREDIMED-NAVARRA study. <i>Clinical Nutrition</i> , 2016 , 35, 1399-1405	5.9	55
142	Mediterranean diets supplemented with virgin olive oil and nuts enhance plasmatic antioxidant capabilities and decrease xanthine oxidase activity in people with metabolic syndrome: The PREDIMED study. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2654-2664	5.9	36
141	FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. <i>BMJ, The</i> , 2016 , 354, i4707	5.9	70
140	Dietary total antioxidant capacity is associated with leukocyte telomere length in a children and adolescent population. <i>Clinical Nutrition</i> , 2015 , 34, 694-9	5.9	62
139	Mediterranean diet and cognitive function: the SUN project. <i>Journal of Nutrition, Health and Aging</i> , 2015 , 19, 305-12	5.2	55
138	Peripheral blood mononuclear cell gene expression profile in obese boys who followed a moderate energy-restricted diet: differences between high and low responders at baseline and after the intervention. <i>British Journal of Nutrition</i> , 2015 , 113, 331-42	3.6	17

137	Association between yogurt consumption and the risk of metabolic syndrome over 6 years in the SUN study. <i>BMC Public Health</i> , 2015 , 15, 170	4.1	42
136	Comorbidity associated with obesity in a large population: The APNA study. <i>Obesity Research and Clinical Practice</i> , 2015 , 9, 435-47	5.4	104
135	Dietary inflammatory index and telomere length in subjects with a high cardiovascular disease risk from the PREDIMED-NAVARRA study: cross-sectional and longitudinal analyses over 5 y. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 897-904	7	82
134	Pro12Ala polymorphism of the PPAR α gene interacts with a mediterranean diet to prevent telomere shortening in the PREDIMED-NAVARRA randomized trial. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 91-9		32
133	Dietary Inflammatory Index and Incidence of Cardiovascular Disease in the PREDIMED Study. <i>Nutrients</i> , 2015 , 7, 4124-38	6.7	142
132	Noncoding RNAs, cytokines, and inflammation-related diseases. <i>FASEB Journal</i> , 2015 , 29, 3595-611	0.9	292
131	Anthropometric indices to assess body-fat changes during a multidisciplinary obesity treatment in adolescents: EVASYON Study. <i>Clinical Nutrition</i> , 2015 , 34, 523-8	5.9	14
130	BODY COMPOSITION CHANGES DURING A MULTIDISCIPLINARY TREATMENT PROGRAMME IN OVERWEIGHT ADOLESCENTS: EVASYON STUDY. <i>Nutricion Hospitalaria</i> , 2015 , 32, 2525-34	1	6
129	Total antioxidant capacity and oxidative stress after a 10-week dietary intervention program in obese children. <i>European Journal of Pediatrics</i> , 2014 , 173, 609-16	4.1	12
128	Fiber intake and all-cause mortality in the Prevenci3n con Dieta Mediterr3nea (PREDIMED) study. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1498-507	7	59
127	Sugar-sweetened carbonated beverage consumption and childhood/adolescent obesity: a case-control study. <i>Public Health Nutrition</i> , 2014 , 17, 2185-93	3.3	25
126	Novel association of the obesity risk-allele near Fas Apoptotic Inhibitory Molecule 2 (FAIM2) gene with heart rate and study of its effects on myocardial infarction in diabetic participants of the PREDIMED trial. <i>Cardiovascular Diabetology</i> , 2014 , 13, 5	8.7	7
125	Longitudinal association of telomere length and obesity indices in an intervention study with a Mediterranean diet: the PREDIMED-NAVARRA trial. <i>International Journal of Obesity</i> , 2014 , 38, 177-82	5.5	74
124	Telomere length as a biomarker for adiposity changes after a multidisciplinary intervention in overweight/obese adolescents: the EVASYON study. <i>PLoS ONE</i> , 2014 , 9, e89828	3.7	53
123	Common variants in genes related to lipid and energy metabolism are associated with weight loss after an intervention in overweight/obese adolescents. <i>Nutricion Hospitalaria</i> , 2014 , 30, 75-83	1	10
122	Lifestyle factors modify obesity risk linked to PPARG2 and FTO variants in an elderly population: a cross-sectional analysis in the SUN Project. <i>Genes and Nutrition</i> , 2013 , 8, 61-7	4.3	21
121	Genetics of Obesity. <i>Current Obesity Reports</i> , 2013 , 2, 23-31	8.4	5
120	Decreased cardiostrophin-1 levels are associated with a lower risk of developing the metabolic syndrome in overweight/obese children after a weight loss program. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 1429-36	12.7	22

119	Gender differences in lifestyle determinants of overweight prevalence in a sample of Southern European children. <i>Obesity Research and Clinical Practice</i> , 2013 , 7, e391-400	5.4	13
118	Differential DNA methylation patterns between high and low responders to a weight loss intervention in overweight or obese adolescents: the EVASYON study. <i>FASEB Journal</i> , 2013 , 27, 2504-12	0.9	113
117	Primary prevention of cardiovascular disease with a Mediterranean diet. <i>New England Journal of Medicine</i> , 2013 , 368, 1279-90	59.2	3041
116	Pro12Ala variant of the PPARG2 gene increases body mass index: An updated meta-analysis encompassing 49,092 subjects. <i>Obesity</i> , 2013 , 21, 1486-95	8	49
115	Eicosapentaenoic acid inhibits tumour necrosis factor- α -induced lipolysis in murine cultured adipocytes. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 218-27	6.3	25
114	Obesity susceptibility loci on body mass index and weight loss in Spanish adolescents after a lifestyle intervention. <i>Journal of Pediatrics</i> , 2012 , 161, 466-470.e2	3.6	31
113	Physical activity and sex modulate obesity risk linked to 3111T/C gene variant of the CLOCK gene in an elderly population: the SUN Project. <i>Chronobiology International</i> , 2012 , 29, 1397-404	3.6	25
112	Nutrigenetics and nutrigenomics of caloric restriction. <i>Progress in Molecular Biology and Translational Science</i> , 2012 , 108, 323-46	4	20
111	Dietary fatty acid distribution modifies obesity risk linked to the rs9939609 polymorphism of the fat mass and obesity-associated gene in a Spanish case-control study of children. <i>British Journal of Nutrition</i> , 2012 , 107, 533-8	3.6	59
110	Statistical and biological gene-lifestyle interactions of MC4R and FTO with diet and physical activity on obesity: new effects on alcohol consumption. <i>PLoS ONE</i> , 2012 , 7, e52344	3.7	53
109	Design of the nutritional therapy for overweight and obese Spanish adolescents conducted by registered dietitians: the EVASYON study. <i>Nutricion Hospitalaria</i> , 2012 , 27, 165-76	1	15
108	Changes in cardiometabolic risk factors, appetite-controlling hormones and cytokines after a treatment program in overweight adolescents: preliminary findings from the EVASYON study. <i>Pediatric Diabetes</i> , 2011 , 12, 372-80	3.6	9
107	Evidences on three relevant obesogenes: MC4R, FTO and PPAR α Approaches for personalized nutrition. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 136-49	5.9	82
106	The effect of the Mediterranean diet on plasma brain-derived neurotrophic factor (BDNF) levels: the PREDIMED-NAVARRA randomized trial. <i>Nutritional Neuroscience</i> , 2011 , 14, 195-201	3.6	74
105	A 3-year intervention with a Mediterranean diet modified the association between the rs9939609 gene variant in FTO and body weight changes. <i>International Journal of Obesity</i> , 2010 , 34, 266-72	5.5	76
104	Dietary total antioxidant capacity and obesity in children and adolescents. <i>International Journal of Food Sciences and Nutrition</i> , 2010 , 61, 713-21	3.7	38
103	Nutrigenetics: a tool to provide personalized nutritional therapy to the obese. <i>World Review of Nutrition and Dietetics</i> , 2010 , 101, 21-33	0.2	15
102	A prospective study of eating away-from-home meals and weight gain in a Mediterranean population: the SUN (Seguimiento Universidad de Navarra) cohort. <i>Public Health Nutrition</i> , 2010 , 13, 1358-63	3.3	71

101	In vivo nutrigenomic effects of virgin olive oil polyphenols within the frame of the Mediterranean diet: a randomized controlled trial. <i>FASEB Journal</i> , 2010 , 24, 2546-57	0.9	215
100	Weight gain induced by an isocaloric pair-fed high fat diet: a nutriepigenetic study on FASN and NDUFB6 gene promoters. <i>Molecular Genetics and Metabolism</i> , 2010 , 101, 273-8	3.7	67
99	Nutrigenetics: a tool to provide personalized nutritional therapy to the obese. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2010 , 3, 157-69		10
98	Obesity induced by a pair-fed high fat sucrose diet: methylation and expression pattern of genes related to energy homeostasis. <i>Lipids in Health and Disease</i> , 2010 , 9, 60	4.4	51
97	A 3-year Mediterranean-style dietary intervention may modulate the association between adiponectin gene variants and body weight change. <i>European Journal of Nutrition</i> , 2010 , 49, 311-9	5.2	22
96	A Mediterranean diet rich in virgin olive oil may reverse the effects of the -174G/C IL6 gene variant on 3-year body weight change. <i>Molecular Nutrition and Food Research</i> , 2010 , 54 Suppl 1, S75-82	5.9	42
95	Eicosapentaenoic acid up-regulates apelin secretion and gene expression in 3T3-L1 adipocytes. <i>Molecular Nutrition and Food Research</i> , 2010 , 54 Suppl 1, S104-11	5.9	39
94	Effects of the FTO gene on lifestyle intervention studies in children. <i>Obesity Facts</i> , 2009 , 2, 393-9	5.1	24
93	Association between leptin receptor (LEPR) and brain-derived neurotrophic factor (BDNF) gene variants and obesity: a case-control study. <i>Nutritional Neuroscience</i> , 2009 , 12, 183-8	3.6	12
92	Design and evaluation of a treatment programme for Spanish adolescents with overweight and obesity. The EVASYON Study. <i>BMC Public Health</i> , 2009 , 9, 414	4.1	18
91	Down-regulation in muscle and liver lipogenic genes: EPA ethyl ester treatment in lean and overweight (high-fat-fed) rats. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 705-14	6.3	33
90	Il6 gene promoter polymorphism (-174G/C) influences the association between fat mass and cardiovascular risk factors. <i>Journal of Physiology and Biochemistry</i> , 2009 , 65, 405-13	5	22
89	A 3 years follow-up of a Mediterranean diet rich in virgin olive oil is associated with high plasma antioxidant capacity and reduced body weight gain. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 1387-93	5.3	132
88	Shifts in clostridia, bacteroides and immunoglobulin-coating fecal bacteria associated with weight loss in obese adolescents. <i>International Journal of Obesity</i> , 2009 , 33, 758-67	5.5	244
87	Interplay between weight loss and gut microbiota composition in overweight adolescents. <i>Obesity</i> , 2009 , 17, 1906-15	8	321
86	Management of overweight and obesity in adolescents: an integral lifestyle approach. <i>Actividad Dietetica</i> , 2009 , 13, 153-160		2
85	The Mediterranean diet protects against waist circumference enlargement in 12Ala carriers for the PPARgamma gene: 2 years follow-up of 774 subjects at high cardiovascular risk. <i>British Journal of Nutrition</i> , 2009 , 102, 672-9	3.6	33
84	Genetics of obesity: Erratum. <i>Public Health Nutrition</i> , 2009 , 12, 136-136	3.3	

83	Eicosapentaenoic acid stimulates AMP-activated protein kinase and increases visfatin secretion in cultured murine adipocytes. <i>Clinical Science</i> , 2009 , 117, 243-9	6.5	61
82	Treatment of obesity in children and adolescents. How nutrition can work?. <i>Pediatric Obesity</i> , 2008 , 3 Suppl 1, 72-7		21
81	Interaction between genes and lifestyle factors on obesity. <i>Proceedings of the Nutrition Society</i> , 2008 , 67, 1-8	2.9	135
80	Role of PPAR- α polymorphisms in bodyweight regulation. <i>Future Lipidology</i> , 2008 , 3, 31-41		4
79	Gut microbes and obesity in adolescents. <i>Proceedings of the Nutrition Society</i> , 2008 , 67,	2.9	15
78	The Mediterranean food pattern: a good recipe for patients with the metabolic syndrome. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2008 , 1, 3-14	1.3	
77	G allele of the -930A>G polymorphism of the CYBA gene is associated with insulin resistance in obese subjects. <i>Journal of Physiology and Biochemistry</i> , 2008 , 64, 127-33	5	7
76	Obesity and eating behaviour in a three-generation Chilean family with carriers of the Thr150Ile mutation in the melanocortin-4 receptor gene. <i>Journal of Physiology and Biochemistry</i> , 2008 , 64, 205-10	5	10
75	Differential inflammatory status in rats susceptible or resistant to diet-induced obesity: effects of EPA ethyl ester treatment. <i>European Journal of Nutrition</i> , 2008 , 47, 380-6	5.2	45
74	Birth weight and blood lipid levels in Spanish adolescents: influence of selected APOE, APOC3 and PPARgamma2 gene polymorphisms. The AVENA Study. <i>BMC Medical Genetics</i> , 2008 , 9, 98	2.1	21
73	Genotype-dependent response to energy-restricted diets in obese subjects: towards personalized nutrition. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2008 , 17 Suppl 1, 119-22	1	18
72	Genetics of obesity. <i>Public Health Nutrition</i> , 2007 , 10, 1138-44	3.3	38
71	A novel mutation Thr162Arg of the melanocortin 4 receptor gene in a Spanish children and adolescent population. <i>Clinical Endocrinology</i> , 2007 , 66, 652-8	3.4	15
70	Predictor factors for childhood obesity in a Spanish case-control study. <i>Nutrition</i> , 2007 , 23, 379-84	4.8	58
69	Linoleic acid decreases leptin and adiponectin secretion from primary rat adipocytes in the presence of insulin. <i>Lipids</i> , 2007 , 42, 913-20	1.6	28
68	Effect of the Ala12 allele in the PPARgamma-2 gene on the relationship between birth weight and body composition in adolescents: the AVENA study. <i>Pediatric Research</i> , 2007 , 62, 615-9	3.2	13
67	Eicosapentaenoic acid actions on adiposity and insulin resistance in control and high-fat-fed rats: role of apoptosis, adiponectin and tumour necrosis factor-alpha. <i>British Journal of Nutrition</i> , 2007 , 97, 389-98	3.6	168
66	Association between obesity and insulin resistance with UCP2-UCP3 gene variants in Spanish children and adolescents. <i>Molecular Genetics and Metabolism</i> , 2007 , 92, 351-8	3.7	51

65	Conjugated linoleic acid inhibits glucose metabolism, leptin and adiponectin secretion in primary cultured rat adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2007 , 268, 50-8	4.4	43
64	Effects of eicosapentaenoic acid (EPA) on adiponectin gene expression and secretion in primary cultured rat adipocytes. <i>Journal of Physiology and Biochemistry</i> , 2006 , 62, 61-9	5	43
63	TV watching modifies obesity risk linked to the 27Glu polymorphism of the ADRB2 gene in girls. <i>Pediatric Obesity</i> , 2006 , 1, 83-8		20
62	Genetics of obesity: gene x nutrient interactions. <i>International Journal for Vitamin and Nutrition Research</i> , 2006 , 76, 184-93	1.7	12
61	Meta-analysis on the effect of the N363S polymorphism of the glucocorticoid receptor gene (GRL) on human obesity. <i>BMC Medical Genetics</i> , 2006 , 7, 50	2.1	35
60	Does weight loss prognosis depend on genetic make-up?. <i>Obesity Reviews</i> , 2005 , 6, 155-68	10.6	58
59	Serum and gene expression levels of leptin and adiponectin in rats susceptible or resistant to diet-induced obesity. <i>Journal of Physiology and Biochemistry</i> , 2005 , 61, 333-42	5	30
58	Inflammation and conjugated linoleic acid: mechanisms of action and implications for human health. <i>Journal of Physiology and Biochemistry</i> , 2005 , 61, 483-94	5	48
57	High-fat feeding period affects gene expression in rat white adipose tissue. <i>Molecular and Cellular Biochemistry</i> , 2005 , 275, 109-15	4.2	29
56	Eicosapentaenoic fatty acid increases leptin secretion from primary cultured rat adipocytes: role of glucose metabolism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R1682-8	3.2	64
55	No evidence of association between the serotonin 2A receptor--1438G/A promoter polymorphism and childhood obesity in a Spanish population: A case-parent study and a matched case-control study. <i>Nutritional Neuroscience</i> , 2005 , 8, 207-11	3.6	7
54	Association of UCP3 gene -55C>T polymorphism and obesity in a Spanish population. <i>Annals of Nutrition and Metabolism</i> , 2005 , 49, 183-8	4.5	28
53	Aspectos genéticos da obesidade. <i>Revista De Nutricao</i> , 2004 , 17, 327-338	1.8	13
52	Gene-gene interaction between PPAR gamma 2 and ADR beta 3 increases obesity risk in children and adolescents. <i>International Journal of Obesity</i> , 2004 , 28 Suppl 3, S37-41	5.5	54
51	Genes, lifestyles and obesity. <i>International Journal of Obesity</i> , 2004 , 28 Suppl 3, S29-36	5.5	97
50	Higher obesity risk associated with the exon-8 insertion of the UCP2 gene in a Spanish case-control study. <i>Nutrition</i> , 2004 , 20, 498-501	4.8	28
49	Decreased splenic mRNA expression levels of TNF-alpha and IL-6 in diet-induced obese animals. <i>Journal of Physiology and Biochemistry</i> , 2004 , 60, 279-83	5	19
48	Energy restriction restores the impaired immune response in overweight (cafeteria) rats. <i>Journal of Nutritional Biochemistry</i> , 2004 , 15, 418-25	6.3	56

47	Gene expression changes in rat white adipose tissue after a high-fat diet determined by differential display. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 318, 234-9	3.4	41
46	Influence of two polymorphisms of the tumoral necrosis factor-alpha gene on the obesity phenotype. <i>Diabetes, Nutrition & Metabolism</i> , 2004 , 17, 17-22		11
45	Obesity risk is associated with carbohydrate intake in women carrying the Gln27Glu beta2-adrenoceptor polymorphism. <i>Journal of Nutrition</i> , 2003 , 133, 2549-54	4.1	68
44	Effects of a beta3-adrenergic agonist on the immune response in diet-induced (cafeteria) obese animals. <i>Journal of Physiology and Biochemistry</i> , 2003 , 59, 183-91	5	13
43	Effects of arachidonic acid on leptin secretion and expression in primary cultured rat adipocytes. <i>Journal of Physiology and Biochemistry</i> , 2003 , 59, 201-8	5	16
42	DNA microarray analysis of genes differentially expressed in diet-induced (cafeteria) obese rats. <i>Obesity</i> , 2003 , 11, 188-94		124
41	A novel nonsense mutation in the melanocortin-4 receptor associated with obesity in a Spanish population. <i>International Journal of Obesity</i> , 2003 , 27, 385-8	5.5	45
40	Basal fat oxidation and after a peak oxygen consumption test in obese women with a beta2 adrenoceptor gene polymorphism. <i>Journal of Nutritional Biochemistry</i> , 2003 , 14, 275-9	6.3	16
39	NF-kappa B-binding activity in an animal diet-induced overweightness model and the impact of subsequent energy restriction. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 311, 533-9	3.4	15
38	Influencia del polimorfismo -3826 A -> G en el gen de la UCP1 sobre los componentes del síndrome metabólico. <i>Anales Del Sistema Sanitario De Navarra</i> , 2003 , 26,	0.3	6
37	Down-regulation of heart HFABP and UCP2 gene expression in diet-induced (cafeteria) obese rats. <i>Journal of Physiology and Biochemistry</i> , 2002 , 58, 69-74	5	10
36	A maximal effort trial in obese women carrying the beta2-adrenoceptor Gln27Glu polymorphism. <i>Journal of Physiology and Biochemistry</i> , 2002 , 58, 103-8	5	17
35	CHO intake alters obesity risk associated with Pro12Ala polymorphism of PPARgamma gene. <i>Journal of Physiology and Biochemistry</i> , 2002 , 58, 219-20	5	28
34	Beta(2)-adrenergic receptor mutation and abdominal obesity risk: effect modification by gender and HDL-cholesterol. <i>European Journal of Nutrition</i> , 2002 , 41, 114-8	5.2	27
33	Mediterranean diet and reduction in the risk of a first acute myocardial infarction: an operational healthy dietary score. <i>European Journal of Nutrition</i> , 2002 , 41, 153-60	5.2	183
32	The 27Glu polymorphism of the beta2-adrenergic receptor gene interacts with physical activity influencing obesity risk among female subjects. <i>Clinical Genetics</i> , 2002 , 61, 305-7	4	45
31	TRP64ARG polymorphism of the beta 3-adrenergic receptor gene and obesity risk: effect modification by a sedentary lifestyle. <i>Diabetes, Obesity and Metabolism</i> , 2002 , 4, 428-30	6.7	46
30	Obesity and immunocompetence. <i>European Journal of Clinical Nutrition</i> , 2002 , 56 Suppl 3, S42-5	5.2	176

29	Gln27Glu polymorphism in the beta2 adrenergic receptor gene and lipid metabolism during exercise in obese women. <i>International Journal of Obesity</i> , 2002 , 26, 1434-41	5.5	42
28	The risk of obesity and the Trp64Arg polymorphism of the beta(3)-adrenergic receptor: effect modification by age. <i>Annals of Nutrition and Metabolism</i> , 2002 , 46, 152-8	4.5	28
27	Mediterranean diet and stroke: objectives and design of the SUN project. Seguimiento Universidad de Navarra. <i>Nutritional Neuroscience</i> , 2002 , 5, 65-73	3.6	116
26	Changes in UCP2, PPARgamma2, and c/EBPalpha gene expression induced by a neuropeptide Y (NPY) related receptor antagonist in overweight rats. <i>Nutritional Neuroscience</i> , 2002 , 5, 13-7	3.6	4
25	Effects of a beta3-adrenergic agonist on glucose uptake and leptin expression and secretion in cultured adipocytes from lean and overweight (cafeteria) rats. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 291, 1201-7	3.4	12
24	UCP1 muscle gene transfer and mitochondrial proton leak mediated thermogenesis. <i>Archives of Biochemistry and Biophysics</i> , 2002 , 404, 166-71	4.1	9
23	T-helper lymphopenia and decreased mitogenic response in cafeteria diet-induced obese rats. <i>Nutrition Research</i> , 2002 , 22, 497-506	4	18
22	The MAP kinase pathways mediate leptin-induced lipolysis. <i>Journal of Physiology and Biochemistry</i> , 2001 , 57, 107-108	5	
21	Resistin overexpression is induced by a beta3 adrenergic agonist in diet-related overweightness. <i>Journal of Physiology and Biochemistry</i> , 2001 , 57, 287-8	5	9
20	Modification of RXRalpha expression according to the duration of a cafeteria diet. <i>Journal of Physiology and Biochemistry</i> , 2001 , 57, 347-8	5	3
19	Obesity and immune function relationships. <i>Obesity Reviews</i> , 2001 , 2, 131-40	10.6	268
18	Changes in UCP mRNA expression levels in brown adipose tissue and skeletal muscle after feeding a high-energy diet and relationships with leptin, glucose and PPARgamma. <i>Journal of Nutritional Biochemistry</i> , 2001 , 12, 130-137	6.3	26
17	UCP2 muscle gene transfer modifies mitochondrial membrane potential. <i>International Journal of Obesity</i> , 2001 , 25, 68-74	5.5	26
16	Up-regulation of a thermogenesis-related gene (UCP1) and down-regulation of PPARgamma and aP2 genes in adipose tissue: possible features of the antiobesity effects of a beta3-adrenergic agonist. <i>Biochemical Pharmacology</i> , 2001 , 61, 1471-8	6	39
15	Time-dependent effects of a high-energy-yielding diet on the regulation of specific white adipose tissue genes. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 283, 6-11	3.4	25
14	DNA hybridization arrays: a powerful technology for nutritional and obesity research. <i>British Journal of Nutrition</i> , 2001 , 86, 119-22	3.6	25
13	Methodological approaches to assess body-weight regulation and aetiology of obesity. <i>Proceedings of the Nutrition Society</i> , 2000 , 59, 405-11	2.9	9
12	Up-regulation of muscle UCP2 gene expression by a new beta3-adrenoceptor agonist, trecadrine, in obese (cafeteria) rodents, but down-regulation in lean animals. <i>International Journal of Obesity</i> , 2000 , 24, 156-63	5.5	53

11	A new NPY-antagonist strongly stimulates apoptosis and lipolysis on white adipocytes in an obesity model. <i>Life Sciences</i> , 2000 , 68, 99-107	6.8	25
10	Optimisation of the formation and distribution of protoporphyrin IX in the urothelium: an in vitro approach. <i>Journal of Urology</i> , 1999 , 162, 546-52	2.5	14
9	Leptin: physiological actions. <i>Journal of Physiology and Biochemistry</i> , 1999 , 55, 43-9	5	53
8	High-fat feeding reduced muscle uncoupling protein 3 expression in rats. <i>Journal of Physiology and Biochemistry</i> , 1999 , 55, 67-72	5	19
7	Leptin gene transfer into muscle increases lipolysis and oxygen consumption in white fat tissue in ob/ob mice. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 246, 859-62	3.4	27
6	Actin-binding protein-280 binds the stress-activated protein kinase (SAPK) activator SEK-1 and is required for tumor necrosis factor-alpha activation of SAPK in melanoma cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 2620-8	5.4	133
5	Prostaglandin E2 accelerates enzymatic and morphological maturation of the small intestine in suckling rats. <i>Neonatology</i> , 1994 , 65, 119-25	4	7
4	Controlled-Release Matrix of Acetaminophen-Ethylcellulose Solid Dispersion. <i>Drug Development and Industrial Pharmacy</i> , 1994 , 20, 1253-1265	3.6	10
3	Effect of lindane on galactose and leucine transport in chicken enterocytes. <i>Comparative Biochemistry and Physiology Part C: Pharmacology, Toxicology & Endocrinology</i> , 1994 , 109, 159-66		1
2	Stimulation of brush border enzyme activity along the rat small intestine by misoprostol. <i>Revista Española De Fisiología</i> , 1994 , 50, 75-80		
1	Effect of misoprostol on the enzyme ontogeny of the rat intestine. <i>Comparative Biochemistry and Physiology Part C: Pharmacology, Toxicology & Endocrinology</i> , 1994 , 108, 331-5		