Amelia Marti

List of Publications by Year
in descending order

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197 papers	13,573 citations	28190 55 h-index	24915 109 g-index
209 all docs	209 docs citations	209 times ranked	18280 citing authors

#	Article	IF	Citations
1	Primary Prevention of Cardiovascular Disease with a Mediterranean Diet. New England Journal of Medicine, 2013, 368, 1279-1290.	13.9	3,677
2	Interplay Between Weight Loss and Gut Microbiota Composition in Overweight Adolescents. Obesity, 2009, 17, 1906-1915.	1.5	392
3	Noncoding RNAs, cytokines, and inflammation-related diseases. FASEB Journal, 2015, 29, 3595-3611.	0.2	386
4	Obesity and immune function relationships. Obesity Reviews, 2001, 2, 131-140.	3.1	327
5	Shifts in clostridia, bacteroides and immunoglobulin-coating fecal bacteria associated with weight loss in obese adolescents. International Journal of Obesity, 2009, 33, 758-767.	1.6	295
6	In vivo nutrigenomic effects of virgin olive oil polyphenols within the frame of the Mediterranean diet: a randomized controlled trial. FASEB Journal, 2010, 24, 2546-2557.	0.2	243
7	Mediterranean diet and reduction in the risk of a first acute myocardial infarction: an operational healthy dietary score. European Journal of Nutrition, 2002, 41, 153-160.	1.8	221
8	Obesity and immunocompetence. European Journal of Clinical Nutrition, 2002, 56, S42-S45.	1.3	209
9	Eicosapentaenoic acid actions on adiposity and insulin resistance in control and high-fat-fed rats: role of apoptosis, adiponectin and tumour necrosis factor-Î±. British Journal of Nutrition, 2007, 97, 389-398.	1.2	191
10	Dietary Inflammatory Index and Incidence of Cardiovascular Disease in the PREDIMED Study. Nutrients, 2015, 7, 4124-4138.	1.7	182
11	Interaction between genes and lifestyle factors on obesity. Proceedings of the Nutrition Society, 2008, 67, 1-8.	0.4	157
12	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. European Journal of Clinical Nutrition, 2009, 63, 1387-1393.	1.3	149
13	Actin-biding Protein-280 Binds the Stress-activated Protein Kinase (SAPK) Activator SEK-1 and Is Required for Tumor Necrosis Factor-Î± Activation of SAPK in Melanoma Cells. Journal of Biological Chemistry, 1997, 272, 2620-2628.	1.6	147
14	Comorbidity associated with obesity in a large population: The APNA study. Obesity Research and Clinical Practice, 2015, 9, 435-447.	0.8	139
15	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. American Journal of Clinical Nutrition, 2018, 108, 453-475.	2.2	137
16	Mediterranean Diet and Stroke: Objectives and Design of the SUN Project. Nutritional Neuroscience, 2002, 5, 65-73.	1.5	136
17	DNA Microarray Analysis of Genes Differentially Expressed in Dietâ€Induced (Cafeteria) Obese Rats. Obesity, 2003, 11, 188-194.	4.0	136
18	Differential DNA methylation patterns between high and low responders to a weight loss intervention in overweight or obese adolescents: the EVASYON study. FASEB Journal, 2013, 27, 2504-2512.	0.2	131

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19	Genes, lifestyles and obesity. International Journal of Obesity, 2004, 28, S29-S36.	1.6	119
20	Guide for Current Nutrigenetic, Nutrigenomic, and Nutriepigenetic Approaches for Precision Nutrition Involving the Prevention and Management of Chronic Diseases Associated with Obesity. Journal of Nutrigenetics and Nutrigenomics, 2017, 10, 43-62.	1.8	118
21	The effect of the Mediterranean diet on plasma brain-derived neurotrophic factor (BDNF) levels: The PREDIMED-NAVARRA randomized trial. Nutritional Neuroscience, 2011, 14, 195-201.	1.5	113
22	Legume consumption is inversely associated with type 2 diabetes incidence in adults: A prospective assessment from the PREDIMED study. Clinical Nutrition, 2018, 37, 906-913.	2.3	108
23	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. American Journal of Clinical Nutrition, 2015, 102, 897-904.	2.2	104
24	Adherence to Mediterranean diet is associated with methylation changes in inflammation-related genes in peripheral blood cells. Journal of Physiology and Biochemistry, 2016, 73, 445-455.	1.3	103
25	Evidences on three relevant obesogenes: MC4R, FTO and PPARÎ³. Approaches for personalized nutrition. Molecular Nutrition and Food Research, 2011, 55, 136-149.	1.5	96
26	A 3-year intervention with a Mediterranean diet modified the association between the rs9939609 gene variant in FTO and body weight changes. International Journal of Obesity, 2010, 34, 266-272.	1.6	92
27	Longitudinal association of telomere length and obesity indices in an intervention study with a Mediterranean diet: the PREDIMED-NAVARRA trial. International Journal of Obesity, 2014, 38, 177-182.	1.6	89
28	Obesity Risk Is Associated with Carbohydrate Intake in Women Carrying the Gln27Glu Î²2-Adrenoceptor Polymorphism. Journal of Nutrition, 2003, 133, 2549-2554.	1.3	88
29	FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. BMJ, The, 2016, 354, i4707.	3.0	88
30	Dietary inflammatory index and all-cause mortality in large cohorts: The SUN and PREDIMED studies. Clinical Nutrition, 2019, 38, 1221-1231.	2.3	87
31	A prospective study of eating away-from-home meals and weight gain in a Mediterranean population: the SUN (Seguimiento Universidad de Navarra) cohort. Public Health Nutrition, 2010, 13, 1356-1363.	1.1	86
32	Weight gain induced by an isocaloric pair-fed high fat diet: A nutriepigenetic study on FASN and NDUFB6 gene promoters. Molecular Genetics and Metabolism, 2010, 101, 273-278.	0.5	78
33	Fiber intake and all-cause mortality in the PrevenciÃ³n con Dieta MediterrÃ¡nea (PREDIMED) study. American Journal of Clinical Nutrition, 2014, 100, 1498-1507.	2.2	78
34	Dietary total antioxidant capacity is associated with leukocyte telomere length in a children and adolescent population. Clinical Nutrition, 2015, 34, 694-699.	2.3	75
35	Mediterranean diet and telomere length in high cardiovascular risk subjects from the PREDIMED-NAVARRA study. Clinical Nutrition, 2016, 35, 1399-1405.	2.3	75
36	Improved Diet Quality and Nutrient Adequacy in Children and Adolescents with Abdominal Obesity after a Lifestyle Intervention. Nutrients, 2018, 10, 1500.	1.7	75

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37	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. Nutrients, 2018, 10, 15.	1.7	75
38	Telomere Length as a Biomarker for Adiposity Changes after a Multidisciplinary Intervention in Overweight/Obese Adolescents: The EVASYON Study. PLoS ONE, 2014, 9, e89828.	1.1	74
39	Energy restriction restores the impaired immune response in overweight (cafeteria) rats. Journal of Nutritional Biochemistry, 2004, 15, 418-425.	1.9	73
40	Eicosapentaenoic fatty acid increases leptin secretion from primary cultured rat adipocytes: role of glucose metabolism. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1682-R1688.	0.9	73
41	Dietary fatty acid distribution modifies obesity risk linked to the rs9939609 polymorphism of the fat mass and obesity-associated gene in a Spanish caseâ€“control study of children. British Journal of Nutrition, 2012, 107, 533-538.	1.2	73
42	Does weight loss prognosis depend on genetic make-up?. Obesity Reviews, 2005, 6, 155-168.	3.1	70
43	Predictor factors for childhood obesity in a Spanish case-control study. Nutrition, 2007, 23, 379-384.	1.1	70
44	Eicosapentaenoic acid stimulates AMP-activated protein kinase and increases visfatin secretion in cultured murine adipocytes. Clinical Science, 2009, 117, 243-249.	1.8	69
45	Association between dietary fibre intake and fruit, vegetable or whole-grain consumption and the risk of CVD: results from the PREvenciÃ³n con Dieta MEDiterrÃ¡nea (PREDIMED) trial. British Journal of Nutrition, 2016, 116, 534-546.	1.2	67
46	Mediterranean diet and cognitive function: The sun project. Journal of Nutrition, Health and Aging, 2015, 19, 305-312.	1.5	66
47	Mediterranean Diet and Telomere Length: A Systematic Review and Meta-Analysis. Advances in Nutrition, 2020, 11, 1544-1554.	2.9	65
48	Statistical and Biological Gene-Lifestyle Interactions of MC4R and FTO with Diet and Physical Activity on Obesity: New Effects on Alcohol Consumption. PLoS ONE, 2012, 7, e52344.	1.1	63
49	Geneâ€“gene interaction between PPARÎ³2 and ADRÎ²3 increases obesity risk in children and adolescents. International Journal of Obesity, 2004, 28, S37-S41.	1.6	62
50	Obesity induced by a pair-fed high fat sucrose diet: methylation and expression pattern of genes related to energy homeostasis. Lipids in Health and Disease, 2010, 9, 60.	1.2	61
51	Dietary Î±â€Linolenic Acid, Marine Ï‰â€3 Fatty Acids, and Mortality in a Population With High Fish Consumption: Findings From the PREvenciÃ³n con Dieta MEDiterrÃ¡nea (PREDIMED) Study. Journal of the American Heart Association, 2016, 5, .	1.6	60
52	PrevenciÃ³n, diagnÃ³stico y tratamiento de la obesidad. Posicionamiento de la Sociedad EspaÃ±ola para el Estudio de la Obesidad de 2016. Endocrinologia, Diabetes Y NutriciÃ“n, 2017, 64, 15-22.	0.1	59
53	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. Journal of Nutrition, 2019, 149, 1920-1929.	1.3	59
54	Effects of antidepressant and antipsychotic use on weight gain: A systematic review. Obesity Reviews, 2019, 20, 1680-1690.	3.1	59

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55	Up-regulation of muscle UCP2 gene expression by a new Î²3-adrenoceptor agonist, trecadrine, in obese (cafeteria) rodents, but down-regulation in lean animals. International Journal of Obesity, 2000, 24, 156-163.	1.6	58
56	A novel nonsense mutation in the melanocortin-4 receptor associated with obesity in a Spanish population. International Journal of Obesity, 2003, 27, 385-388.	1.6	57
57	Leptin: physiological actions. Journal of Physiology and Biochemistry, 1999, 55, 43-9.	1.3	57
58	Association between obesity and insulin resistance with UCP2â€“UCP3 gene variants in Spanish children and adolescents. Molecular Genetics and Metabolism, 2007, 92, 351-358.	0.5	56
59	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. Molecular Nutrition and Food Research, 2016, 60, 2654-2664.	1.5	55
60	Inflammation and conjugated linoleic acid: mechanisms of action and implications for human health. Journal of Physiology and Biochemistry, 2005, 61, 483-494.	1.3	53
61	Pro12Ala variant of the PPARG2 gene increases body mass index: An updated metaâ€analysis encompassing 49,092 subjects. Obesity, 2013, 21, 1486-1495.	1.5	53
62	The 27Glu polymorphism of the Î²2-adrenergic receptor gene interacts with physical activity influencing obesity risk among female subjects. Clinical Genetics, 2002, 61, 305-307.	1.0	52
63	TRP64ARG polymorphism of the beta3-adrenergic receptor gene and obesity risk: effect modification by a sedentary lifestyle. Diabetes, Obesity and Metabolism, 2002, 4, 428-430.	2.2	52
64	Association between yogurt consumption and the risk of Metabolic Syndrome over 6Âyears in the SUN study. BMC Public Health, 2015, 15, 170.	1.2	52
65	Gln27Glu polymorphism in the beta2 adrenergic receptor gene and lipid metabolism during exercise in obese women. International Journal of Obesity, 2002, 26, 1434-1441.	1.6	50
66	Dietary total antioxidant capacity and obesity in children and adolescents. International Journal of Food Sciences and Nutrition, 2010, 61, 713-721.	1.3	50
67	Differential inflammatory status in rats susceptible or resistant to diet-induced obesity: effects of EPA ethyl ester treatment. European Journal of Nutrition, 2008, 47, 380-386.	1.8	47
68	Up-regulation of a thermogenesis-related gene (UCP1) and down-regulation of PPARÎ³ and aP2 genes in adipose tissue: possible features of the antiobesity effects of a Î²3-adrenergic agonist 1 1Abbreviations: AP2, adipocyte specific fatty acid binding protein; BAT, brown adipose tissue; DIO, diet-induced obesity; HFD, high-fat diet; PPARÎ³, peroxisome proliferator-activated receptor gamma; RXRÎ±, retinoid X receptor alpha; RARÎ±, retinoid acid receptor alpha; UCP, uncoupling protein; WAT, white adipose tissue; RT-. Biochemical Pharmacology, 2001, 61, 1471-1478.	2.0	46
69	Gene expression changes in rat white adipose tissue after a high-fat diet determined by differential display. Biochemical and Biophysical Research Communications, 2004, 318, 234-239.	1.0	46
70	Effects of eicosapentaenoic acid (EPA) on adiponectin gene expression and secretion in primary cultured rat adipocytes. Journal of Physiology and Biochemistry, 2006, 62, 61-69.	1.3	46
71	Conjugated linoleic acid inhibits glucose metabolism, leptin and adiponectin secretion in primary cultured rat adipocytes. Molecular and Cellular Endocrinology, 2007, 268, 50-58.	1.6	46
72	A Mediterranean diet rich in virgin olive oil may reverse the effects of the â€174G/C IL6 gene variant on 3â€year body weight change. Molecular Nutrition and Food Research, 2010, 54, S75-82.	1.5	46

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73	Eicosapentaenoic acid upâ€regulates apelin secretion and gene expression in 3T3â€L1 adipocytes. Molecular Nutrition and Food Research, 2010, 54, S104-11.	1.5	43
74	Pro12Ala Polymorphism of the PPARÎ³2 Gene Interacts With a Mediterranean Diet to Prevent Telomere Shortening in the PREDIMED-NAVARRA Randomized Trial. Circulation: Cardiovascular Genetics, 2015, 8, 91-99.	5.1	43
75	Genetics of obesity. Public Health Nutrition, 2007, 10, 1138-1144.	1.1	42
76	PTPRS and PER3 methylation levels are associated with childhood obesity: results from a genomeâ€wide methylation analysis. Pediatric Obesity, 2018, 13, 149-158.	1.4	42
77	Egg consumption and cardiovascular disease according to diabetic status: The PREDIMED study. Clinical Nutrition, 2017, 36, 1015-1021.	2.3	40
78	The Mediterranean diet protects against waist circumference enlargement in 12Ala carriers for the PPARÎ³ gene: 2 years' follow-up of 774 subjects at high cardiovascular risk. British Journal of Nutrition, 2009, 102, 672-679.	1.2	39
79	Meta-analysis on the effect of the N363S polymorphism of the glucocorticoid receptor gene (GRL) on human obesity. BMC Medical Genetics, 2006, 7, 50.	2.1	38
80	Obesity Susceptibility Loci on Body Mass Index and Weight Loss in Spanish Adolescents after a Lifestyle Intervention. Journal of Pediatrics, 2012, 161, 466-470.e2.	0.9	38
81	Sugar-sweetened carbonated beverage consumption and childhood/adolescent obesity: a caseâ€“control study. Public Health Nutrition, 2014, 17, 2185-2193.	1.1	38
82	Down-regulation in muscle and liver lipogenic genes: EPA ethyl ester treatment in lean and overweight (high-fat-fed) rats. Journal of Nutritional Biochemistry, 2009, 20, 705-714.	1.9	37
83	Association of UCP3 Gene â€“55C>T Polymorphism and Obesity in a Spanish Population. Annals of Nutrition and Metabolism, 2005, 49, 183-188.	1.0	36
84	CHO intake alters obesity risk associated with Pro12Ala polymorphism of PPARÎ³ gene. Journal of Physiology and Biochemistry, 2002, 58, 219-220.	1.3	35
85	Serum and gene expression levels of leptin and adiponectin in rats susceptible or resistant to diet-induced obesity. Journal of Physiology and Biochemistry, 2005, 61, 333-342.	1.3	35
86	Relationship between body mass index and depression in women: A 7-year prospective cohort study. The APNA study. European Psychiatry, 2016, 32, 55-60.	0.1	35
87	Yogurt consumption and abdominal obesity reversion in the PREDIMED study. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 468-475.	1.1	34
88	Higher obesity risk associated with the exon-8 insertion of the UCP2 gene in a Spanish case-control study. Nutrition, 2004, 20, 498-501.	1.1	33
89	Ultra-processed food consumption and the risk of short telomeres in an elderly population of the Seguimiento Universidad de Navarra (SUN) Project. American Journal of Clinical Nutrition, 2020, 111, 1259-1266.	2.2	33
90	The Risk of Obesity and the Trp64Arg Polymorphism of the Î²₃-Adrenergic Receptor: Effect Modification by Age. Annals of Nutrition and Metabolism, 2002, 46, 152-158.	1.0	32

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91	Aspectos genÃ©ticos da obesidade. Revista De Nutricao, 2004, 17, 327-338.	0.4	32
92	High-fat feeding period affects gene expression in rat white adipose tissue. Molecular and Cellular Biochemistry, 2005, 275, 109-115.	1.4	32
93	DNA methylation of miRNA coding sequences putatively associated with childhood obesity. Pediatric Obesity, 2017, 12, 19-27.	1.4	32
94	Eicosapentaenoic acid inhibits tumour necrosis factor-Î±-induced lipolysis in murine cultured adipocytes. Journal of Nutritional Biochemistry, 2012, 23, 218-227.	1.9	31
95	Leptin Gene Transfer into Muscle Increases Lipolysis and Oxygen Consumption in White Fat Tissue inob/obMice. Biochemical and Biophysical Research Communications, 1998, 246, 859-862.	1.0	30
96	Î²2-Adrenergic receptor mutation and abdominal obesity risk: Effect modification by gender and HDL-cholesterol. European Journal of Nutrition, 2002, 41, 114-118.	1.8	30
97	Design and evaluation of a treatment programme for Spanish adolescents with overweight and obesity. The EVASYON Study. BMC Public Health, 2009, 9, 414.	1.2	30
98	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 PPARÎ³. Journal of Nutritional Biochemistry, 2001, 12, 130-137.	1.9	29
99	UCP2 muscle gene transfer modifies mitochondrial membrane potential. International Journal of Obesity, 2001, 25, 68-74.	1.6	29
100	Linoleic Acid Decreases Leptin and Adiponectin Secretion from Primary Rat Adipocytes in the Presence of Insulin. Lipids, 2007, 42, 913-920.	0.7	29
101	Physical Activity and Sex Modulate Obesity Risk Linked to 3111T/C Gene Variant of theCLOCKGene in an Elderly Population: The SUN Project. Chronobiology International, 2012, 29, 1397-1404.	0.9	29
102	Dopamine gene methylation patterns are associated with obesity markers and carbohydrate intake. Brain and Behavior, 2018, 8, e01017.	1.0	29
103	A new NPY-antagonist strongly stimulates apoptosis and lipolysis on white adipocytes in an obesity model. Life Sciences, 2000, 68, 99-107.	2.0	28
104	Nutrigenetics and Nutrigenomics of Caloric Restriction. Progress in Molecular Biology and Translational Science, 2012, 108, 323-346.	0.9	27
105	Lifestyle factors modify obesity risk linked to PPARG2 and FTO variants in an elderly population: a cross-sectional analysis in the SUN Project. Genes and Nutrition, 2013, 8, 61-67.	1.2	27
106	Time-Dependent Effects of a High-Energy-Yielding Diet on the Regulation of Specific White Adipose Tissue Genes. Biochemical and Biophysical Research Communications, 2001, 283, 6-11.	1.0	26
107	DNA hybridization arrays: a powerful technology for nutritional and obesity research. British Journal of Nutrition, 2001, 86, 119-122.	1.2	26
108	T-helper lymphopenia and decreased mitogenic response in cafeteria diet-induced obese rats. Nutrition Research, 2002, 22, 497-506.	1.3	26

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109	Effects of theFTOGene on Lifestyle Intervention Studies in Children. Obesity Facts, 2009, 2, 393-399.	1.6	26
110	Serum and gene expression levels of CT-1, IL-6, and TNF-Î± after a lifestyle intervention in obese children. Pediatric Diabetes, 2018, 19, 217-222.	1.2	26
111	Association between diet quality indexes and the risk of short telomeres in an elderly population of the SUN project. Clinical Nutrition, 2020, 39, 2487-2494.	2.3	26
112	Birth weight and blood lipid levels in Spanish adolescents: Influence of selected APOE, APOC3 and PPARgamma2 gene polymorphisms. The AVENA Study. BMC Medical Genetics, 2008, 9, 98.	2.1	25
113	Treatment of obesity in children and adolescents. How nutrition can work?. Pediatric Obesity, 2008, 3, 72-77.	3.2	25
114	Il6 gene promoter polymorphism (-174G/C) influences the association between fat mass and cardiovascular risk factors. Journal of Physiology and Biochemistry, 2009, 65, 405-413.	1.3	25
115	A 3-year Mediterranean-style dietary intervention may modulate the association between adiponectin gene variants and body weight change. European Journal of Nutrition, 2010, 49, 311-319.	1.8	25
116	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. British Journal of Nutrition, 2015, 113, 331-342.	1.2	25
117	Changes in plasma fatty acid composition are associated with improvements in obesity and related metabolic disorders: A therapeutic approach to overweight adolescents. Clinical Nutrition, 2018, 37, 149-156.	2.3	25
118	DNA methylation patterns at sweet taste transducing genes are associated with BMI and carbohydrate intake in an adult population. Appetite, 2018, 120, 230-239.	1.8	25
119	Pistachio consumption modulates DNA oxidation and genes related to telomere maintenance: a crossover randomized clinical trial. American Journal of Clinical Nutrition, 2019, 109, 1738-1745.	2.2	25
120	TV watching modifies obesity risk linked to the 27Glu polymorphism of the ADRB2 gene in girls. Pediatric Obesity, 2006, 1, 83-88.	3.2	23
121	Decreased cardiotrophin-1 levels are associated with a lower risk of developing the metabolic syndrome in overweight/obese children after a weight loss program. Metabolism: Clinical and Experimental, 2013, 62, 1429-1436.	1.5	23
122	Associations between olfactory pathway gene methylation marks, obesity features and dietary intakes. Genes and Nutrition, 2019, 14, 11.	1.2	23
123	Basal fat oxidation and after a peak oxygen consumption test in obese women with a Î²2 adrenoceptor gene polymorphism. Journal of Nutritional Biochemistry, 2003, 14, 275-279.	1.9	21
124	Interplay between cognition and weight reduction in individuals following a Mediterranean Diet: Three-year follow-up of the PREDIMED-Plus trial. Clinical Nutrition, 2021, 40, 5221-5237.	2.3	21
125	Decreased splenic mRNA expression levels of TNF-Î± and IL-6 in diet-induced obese animals. Journal of Physiology and Biochemistry, 2004, 60, 279-283.	1.3	20
126	Gender differences in lifestyle determinants of overweight prevalence in a sample of Southern European children. Obesity Research and Clinical Practice, 2013, 7, e391-e400.	0.8	20

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127	Ultra-Processed Foods Are Not â€œReal Foodâ€•but Really Affect Your Health. Nutrients, 2019, 11, 1902.	1.7	20
128	Omega-3 fatty acids and cognitive decline: a systematic review. Nutricion Hospitalaria, 2019, 36, 939-949.	0.2	20
129	Gut microbes and obesity in adolescents. Proceedings of the Nutrition Society, 2008, 67, .	0.4	19
130	Changes in cardiometabolic risk factors, appetite-controlling hormones and cytokines after a treatment program in overweight adolescents: preliminary findings from the EVASYON study. Pediatric Diabetes, 2011, 12, 372-380.	1.2	19
131	Anthropometric indices to assess body-fat changes during a multidisciplinary obesity treatment in adolescents: EVASYON Study. Clinical Nutrition, 2015, 34, 523-528.	2.3	19
132	Relation between plasma antioxidant vitamin levels, adiposity and cardio-metabolic profile in adolescents: Effects of a multidisciplinary obesity programme. Clinical Nutrition, 2017, 36, 209-217.	2.3	19
133	Design of the nutritional therapy for overweight and obese Spanish adolescents conducted by registered dieticians: the EVASYON study. Nutricion Hospitalaria, 2012, 27, 165-76.	0.2	19
134	High-fat feeding reduced muscle uncoupling protein 3 expression in rats. Journal of Physiology and Biochemistry, 1999, 55, 67-72.	1.3	19
135	Genotype-dependent response to energy-restricted diets in obese subjects: towards personalized nutrition. Asia Pacific Journal of Clinical Nutrition, 2008, 17 Suppl 1, 119-22.	0.3	19
136	A maximal effort trial in obese women carrying the Î²2-adrenoceptor Gln27Glu polymorphism. Journal of Physiology and Biochemistry, 2002, 58, 103-108.	1.3	18
137	Total antioxidant capacity and oxidative stress after a 10-week dietary intervention program in obese children. European Journal of Pediatrics, 2014, 173, 609-616.	1.3	18
138	NADPH Oxidase Overactivity Underlies Telomere Shortening in Human Atherosclerosis. International Journal of Molecular Sciences, 2020, 21, 1434.	1.8	18
139	A novel mutation Thr162Arg of the melanocortin 4 receptor gene in a Spanish children and adolescent population. Clinical Endocrinology, 2007, 66, 652-658.	1.2	17
140	Nutrigenetics: A Tool to Provide Personalized Nutritional Therapy to the Obese. World Review of Nutrition and Dietetics, 2010, 101, 21-33.	0.1	17
141	Nutrigenetics: A Tool to Provide Personalized Nutritional Therapy to the Obese. Journal of Nutrigenetics and Nutrigenomics, 2010, 3, 157-169.	1.8	17
142	Epigenetics Lights Up the Obesity Field. Obesity Facts, 2011, 4, 187-190.	1.6	17
143	Prediction of Cardiovascular Disease by the Framinghamâ€REGICOR Equation in the Highâ€Risk PREDIMED Cohort: Impact of the Mediterranean Diet Across Different Risk Strata. Journal of the American Heart Association, 2017, 6, .	1.6	17
144	Efectos del Ã¡cido araquidÃ³nico sobre la secreciÃ³n y expresiÃ³n de leptina en cultivos primarios de adipocitos de rata. Journal of Physiology and Biochemistry, 2003, 59, 201-208.	1.3	16

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145	Prevention, diagnosis, and treatment of obesity. 2016 position statement of the Spanish Society for the Study of Obesity. EndocrinologÃa Diabetes Y NutriciÃ³n (English Ed), 2017, 64, 15-22.	0.1	16
146	Effects of a Î²3-Adrenergic Agonist on Glucose Uptake and Leptin Expression and Secretion in Cultured Adipocytes from Lean and Overweight (Cafeteria) Rats. Biochemical and Biophysical Research Communications, 2002, 291, 1201-1207.	1.0	15
147	NF-ÎºB-binding activity in an animal diet-induced overweightness model and the impact of subsequent energy restriction. Biochemical and Biophysical Research Communications, 2003, 311, 533-539.	1.0	15
148	Effect of the Ala12 Allele in the PPARÎ³-2 Gene on the Relationship Between Birth Weight and Body Composition in Adolescents: The AVENA Study. Pediatric Research, 2007, 62, 615-619.	1.1	15
149	Behavioral predictors of attrition in adolescents participating in a multidisciplinary obesity treatment program: EVASYON study. International Journal of Obesity, 2016, 40, 84-87.	1.6	15
150	Common variants in genes related to lipid and energy metabolism are associated with weight loss after an intervention in overweight/obese adolescents. Nutricion Hospitalaria, 2014, 30, 75-83.	0.2	15
151	Optimisation of the formation and distribution of protoporphyrin IX in the urothelium: an in vitro approach. Journal of Urology, 1999, 162, 546-52.	0.2	15
152	Effects of a Î²3-adrenergic agonist on the immune response in diet-induced (cafeteria) obese animals. Journal of Physiology and Biochemistry, 2003, 59, 183-191.	1.3	13
153	Genetics of Obesity: Gene Ã— Nutrient Interactions. International Journal for Vitamin and Nutrition Research, 2006, 76, 184-193.	0.6	13
154	Serum oxidized low-density lipoprotein levels are related to cardiometabolic risk and decreased after a weight loss treatment in obese children and adolescents. Pediatric Diabetes, 2017, 18, 392-398.	1.2	13
155	Controlled-Release Matrix of Acetaminophen-Ethylcellulose Solid Dispersion. Drug Development and Industrial Pharmacy, 1994, 20, 1253-1265.	0.9	12
156	UCP1 muscle gene transfer and mitochondrial proton leak mediated thermogenesis. Archives of Biochemistry and Biophysics, 2002, 404, 166-171.	1.4	12
157	Association between leptin receptor (LEPR) and brain-derived neurotrophic factor (BDNF) gene variants and obesity: a case-control study. Nutritional Neuroscience, 2009, 12, 183-188.	1.5	12
158	Associations of telomere length with anthropometric and glucose changes after a lifestyle intervention in abdominal obese children. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 694-700.	1.1	12
159	Modulation of Telomere Length by Mediterranean Diet, Caloric Restriction, and Exercise: Results from PREDIMED-Plus Study. Antioxidants, 2021, 10, 1596.	2.2	12
160	Influence of two polymorphisms of the tumoral necrosis factor-alpha gene on the obesity phenotype. Diabetes, Nutrition & Metabolism, 2004, 17, 17-22.	0.4	12
161	Methodological approaches to assess body-weight regulation and aetiology of obesity. Proceedings of the Nutrition Society, 2000, 59, 405-411.	0.4	11
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