List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Obesity and the metabolic syndrome: role of different dietary macronutrient distribution patterns and specific nutritional components on weight loss and maintenance. Nutrition Reviews, 2010, 68, 214-231.	5.8	254
2	A legume-based hypocaloric diet reduces proinflammatory status and improves metabolic features in overweight/obese subjects. European Journal of Nutrition, 2011, 50, 61-69.	3.9	170
3	Starches, Sugars and Obesity. Nutrients, 2011, 3, 341-369.	4.1	164
4	Effects of two energy-restricted diets differing in the carbohydrate/protein ratio on weight loss and oxidative changes of obese men. International Journal of Food Sciences and Nutrition, 2009, 60, 1-13.	2.8	125
5	Mediterranean diet and quality of life: Baseline cross-sectional analysis of the PREDIMED-PLUS trial. PLoS ONE, 2018, 13, e0198974.	2.5	100
6	Legume-, Fish-, or High-Protein-Based Hypocaloric Diets: Effects on Weight Loss and Mitochondrial Oxidation in Obese Men. Journal of Medicinal Food, 2009, 12, 100-108.	1.5	89
7	Energy-restricted diets based on a distinct food selection affecting the glycemic index induce different weight loss and oxidative response. Clinical Nutrition, 2008, 27, 545-551.	5.0	88
8	A new dietary strategy for long-term treatment of the metabolic syndrome is compared with the American Heart Association (AHA) guidelines: the MEtabolic Syndrome REduction in NAvarra (RESMENA) project. British Journal of Nutrition, 2014, 111, 643-652.	2.3	65
9	Short-term role of the dietary total antioxidant capacity in two hypocaloric regimes on obese with metabolic syndrome symptoms: the RESMENA randomized controlled trial. Nutrition and Metabolism, 2013, 10, 22.	3.0	60
10	The protein type within a hypocaloric diet affects obesity-related inflammation: The RESMENA project. Nutrition, 2014, 30, 424-429.	2.4	59
11	Dietary Inflammatory Index and liver status in subjects with different adiposity levels within the PREDIMED trial. Clinical Nutrition, 2018, 37, 1736-1743.	5.0	59
12	Fruit Fiber Consumption Specifically Improves Liver Health Status in Obese Subjects under Energy Restriction. Nutrients, 2017, 9, 667.	4.1	54
13	The Metabolic and Hepatic Impact of Two Personalized Dietary Strategies in Subjects with Obesity and Nonalcoholic Fatty Liver Disease: The Fatty Liver in Obesity (FLiO) Randomized Controlled Trial. Nutrients, 2019, 11, 2543.	4.1	51
14	Carbohydrate quality changes and concurrent changes in cardiovascular risk factors: a longitudinal analysis in the PREDIMED-Plus randomized trial. American Journal of Clinical Nutrition, 2020, 111, 291-306.	4.7	50
15	Contribution of ultra-processed foods in visceral fat deposition and other adiposity indicators: Prospective analysis nested in the PREDIMED-Plus trial. Clinical Nutrition, 2021, 40, 4290-4300.	5.0	47
16	Leisure-time physical activity at moderate and high intensity is associated with parameters of body composition, muscle strength and sarcopenia in aged adults with obesity and metabolic syndrome from the PREDIMED-Plus study. Clinical Nutrition, 2019, 38, 1324-1331.	5.0	46
17	Use of Different Food Classification Systems to Assess the Association between Ultra-Processed Food Consumption and Cardiometabolic Health in an Elderly Population with Metabolic Syndrome (PREDIMED-Plus Cohort). Nutrients, 2021, 13, 2471.	4.1	46
18	Oxidative Stress and Pro-Inflammatory Status in Patients with Non-Alcoholic Fatty Liver Disease. Antioxidants, 2020, 9, 759.	5.1	44

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19	Seafood Consumption, Omega-3 Fatty Acids Intake, and Life-Time Prevalence of Depression in the PREDIMED-Plus Trial. Nutrients, 2018, 10, 2000.	4.1	43
20	Total and Subtypes of Dietary Fat Intake and Its Association with Components of the Metabolic Syndrome in a Mediterranean Population at High Cardiovascular Risk. Nutrients, 2019, 11, 1493.	4.1	41
21	Effect of a Very-Low-Calorie Ketogenic Diet on Circulating Myokine Levels Compared with the Effect of Bariatric Surgery or a Low-Calorie Diet in Patients with Obesity. Nutrients, 2019, 11, 2368.	4.1	40
22	Cross-sectional associations of objectively-measured sleep characteristics with obesity and type 2 diabetes in the PREDIMED-Plus trial. Sleep, 2018, 41, .	1.1	39
23	Dietary Diversity and Nutritional Adequacy among an Older Spanish Population with Metabolic Syndrome in the PREDIMED-Plus Study: A Cross-Sectional Analysis. Nutrients, 2019, 11, 958.	4.1	35
24	Body adiposity indicators and cardiometabolic risk: Cross-sectional analysis in participants from the PREDIMED-Plus trial. Clinical Nutrition, 2019, 38, 1883-1891.	5.0	34
25	Associations between Dietary Polyphenols and Type 2 Diabetes in a Cross-Sectional Analysis of the PREDIMED-Plus Trial: Role of Body Mass Index and Sex. Antioxidants, 2019, 8, 537.	5.1	31
26	Interplay of Glycemic Index, Glycemic Load, and Dietary Antioxidant Capacity with Insulin Resistance in Subjects with a Cardiometabolic Risk Profile. International Journal of Molecular Sciences, 2018, 19, 3662.	4.1	30
27	Association between Sleep Disturbances and Liver Status in Obese Subjects with Nonalcoholic Fatty Liver Disease: A Comparison with Healthy Controls. Nutrients, 2019, 11, 322.	4.1	29
28	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. Clinical Nutrition, 2020, 39, 1161-1173.	5.0	28
29	Influence of lifestyle factors and staple foods from the Mediterranean diet on non-alcoholic fatty liver disease among older individuals with metabolic syndrome features. Nutrition, 2020, 71, 110620.	2.4	28
30	Nutrigenetics and Nutrigenomics of Caloric Restriction. Progress in Molecular Biology and Translational Science, 2012, 108, 323-346.	1.7	27
31	Variety in fruits and vegetables, diet quality and lifestyle in an older adult mediterranean population. Clinical Nutrition, 2021, 40, 1510-1518.	5.0	27
32	Effects of two personalized dietary strategies during a 2â€year intervention in subjects with nonalcoholic fatty liver disease: A randomized trial. Liver International, 2021, 41, 1532-1544.	3.9	26
33	Adherence to a priori dietary indexes and baseline prevalence of cardiovascular risk factors in the PREDIMED-Plus randomised trial. European Journal of Nutrition, 2020, 59, 1219-1232.	3.9	24
34	Longitudinal changes in adherence to the portfolio and DASH dietary patterns and cardiometabolic risk factors in the PREDIMED-Plus study. Clinical Nutrition, 2021, 40, 2825-2836.	5.0	24
35	Changes in lysophospholipids and liver status after weight loss: the RESMENA study. Nutrition and Metabolism, 2018, 15, 51.	3.0	23
36	Epigenetic Changes in the Methylation Patterns of KCNQ1 and WT1 after a Weight Loss Intervention Program in Obese Stroke Patients. Current Neurovascular Research, 2015, 12, 321-333.	1.1	23

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37	Ultrasound/Elastography techniques, lipidomic and blood markers compared to Magnetic Resonance Imaging in non-alcoholic fatty liver disease adults. International Journal of Medical Sciences, 2019, 16, 75-83.	2.5	22
38	Effect of Dietary and Lifestyle Interventions on the Amelioration of NAFLD in Patients with Metabolic Syndrome: The FLIPAN Study. Nutrients, 2022, 14, 2223.	4.1	22
39	Long Daytime Napping Is Associated with Increased Adiposity and Type 2 Diabetes in an Elderly Population with Metabolic Syndrome. Journal of Clinical Medicine, 2019, 8, 1053.	2.4	21
40	Factors Associated with Sarcopenia and 7-Year Mortality in Very Old Patients with Hip Fracture Admitted to Rehabilitation Units: A Pragmatic Study. Nutrients, 2019, 11, 2243.	4.1	21
41	Immunomodulatory effect of a very-low-calorie ketogenic diet compared with bariatric surgery and a low-calorie diet in patients with excessive body weight. Clinical Nutrition, 2022, 41, 1566-1577.	5.0	21
42	Adherence to the Mediterranean Lifestyle and Desired Body Weight Loss in a Mediterranean Adult Population with Overweight: A PREDIMED-Plus Study. Nutrients, 2020, 12, 2114.	4.1	20
43	Metabolic Syndrome Features and Excess Weight Were Inversely Associated with Nut Consumption after 1-Year Follow-Up in the PREDIMED-Plus Study. Journal of Nutrition, 2020, 150, 3161-3170.	2.9	19
44	Relationship of visceral adipose tissue with surrogate insulin resistance and liver markers in individuals with metabolic syndrome chronic complications. Therapeutic Advances in Endocrinology and Metabolism, 2020, 11, 204201882095829.	3.2	17
45	Association between Different Animal Protein Sources and Liver Status in Obese Subjects with Non-Alcoholic Fatty Liver Disease: Fatty Liver in Obesity (FLiO) Study. Nutrients, 2019, 11, 2359.	4.1	16
46	Dietary intake of specific amino acids and liver status in subjects with nonalcoholic fatty liver disease: fatty liver in obesity (FLiO) study. European Journal of Nutrition, 2021, 60, 1769-1780.	3.9	15
47	Energy Expenditure Improved Risk Factors Associated with Renal Function Loss in NAFLD and MetS Patients. Nutrients, 2021, 13, 629.	4.1	15
48	Lifestyle factors and visceral adipose tissue: Results from the PREDIMED-PLUS study. PLoS ONE, 2019, 14, e0210726.	2.5	14
49	Sleep Duration is Inversely Associated with Serum Uric Acid Concentrations and Uric Acid to Creatinine Ratio in an Elderly Mediterranean Population at High Cardiovascular Risk. Nutrients, 2019, 11, 761.	4.1	14
50	Association between dairy product consumption and hyperuricemia in an elderly population with metabolic syndrome. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 214-222.	2.6	14
51	Targeting body composition in an older population: do changes in movement behaviours matter? Longitudinal analyses in the PREDIMED-Plus trial. BMC Medicine, 2021, 19, 3.	5.5	14
52	Fruit consumption and cardiometabolic risk in the PREDIMED-plus study: A cross-sectional analysis. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1702-1713.	2.6	14
53	Different postprandial acute response in healthy subjects to three strawberry jams varying in carbohydrate and antioxidant content: a randomized, crossover trial. European Journal of Nutrition, 2014, 53, 201-210.	3.9	12
54	Effect of changes in adherence to Mediterranean diet on nutrient density after 1-year of follow-up: results from the PREDIMED-Plus Study. European Journal of Nutrition, 2020, 59, 2395-2409.	3.9	11

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55	Association of the SH2B1 rs7359397 Gene Polymorphism with Steatosis Severity in Subjects with Obesity and Non-Alcoholic Fatty Liver Disease. Nutrients, 2020, 12, 1260.	4.1	11
56	White cell counts in relation to mortality in a general population of cohort study in the Netherlands: a mediating effect or not?. BMJ Open, 2019, 9, e030949.	1.9	10
57	Non-Alcoholic Fatty Liver Disease Is Associated with Kidney Glomerular Hyperfiltration in Adults with Metabolic Syndrome. Journal of Clinical Medicine, 2021, 10, 1717.	2.4	10
58	Association of lifestyle, inflammatory factors, and dietary patterns with the risk of suffering a stroke: A case–control study. Nutritional Neuroscience, 2018, 21, 70-78.	3.1	9
59	Three Different Genetic Risk Scores Based on Fatty Liver Index, Magnetic Resonance Imaging and Lipidomic for a Nutrigenetic Personalized Management of NAFLD: The Fatty Liver in Obesity Study. Diagnostics, 2021, 11, 1083.	2.6	8
60	High Fruit and Vegetable Consumption and Moderate Fat Intake Are Associated with Higher Carotenoid Concentration in Human Plasma. Antioxidants, 2021, 10, 473.	5.1	7
61	Albuminuria Is Associated with Hepatic Iron Load in Patients with Non-Alcoholic Fatty Liver Disease and Metabolic Syndrome. Journal of Clinical Medicine, 2021, 10, 3187.	2.4	7
62	The Effect of Physical Activity and High Body Mass Index on Health-Related Quality of Life in Individuals with Metabolic Syndrome. International Journal of Environmental Research and Public Health, 2020, 17, 3728.	2.6	7
63	Role of NAFLD on the Health Related QoL Response to Lifestyle in Patients With Metabolic Syndrome: The PREDIMED Plus Cohort. Frontiers in Endocrinology, 0, 13, .	3.5	7
64	Urinary Resveratrol Metabolites Output: Differential Associations with Cardiometabolic Markers and Liver Enzymes in House-Dwelling Subjects Featuring Metabolic Syndrome. Molecules, 2020, 25, 4340.	3.8	6
65	Effects of a 6-month dietary-induced weight loss on erythrocyte membrane omega-3 fatty acids and hepatic status of subjects with nonalcoholic fatty liver disease: The Fatty Liver in Obesity study. Journal of Clinical Lipidology, 2020, 14, 837-849.e2.	1.5	6
66	Animal Fat Intake Is Associated with Albuminuria in Patients with Non-Alcoholic Fatty Liver Disease and Metabolic Syndrome. Nutrients, 2021, 13, 1548.	4.1	6
67	Physical activity and metabolic syndrome severity among older adults at cardiovascular risk: 1-Year trends. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 2870-2886.	2.6	6
68	Obesity and Nonalcoholic Fatty Liver Disease. , 2018, , 111-133.		5
69	Predictive Value of Serum Ferritin in Combination with Alanine Aminotransferase and Glucose Levels for Noninvasive Assessment of NAFLD: Fatty Liver in Obesity (FLiO) Study. Diagnostics, 2020, 10, 917.	2.6	5
70	Both macronutrient food composition and fasting insulin resistance affect postprandial glycemic responses in senior subjects. Food and Function, 2021, 12, 6540-6548.	4.6	5
71	Differential response to a 6-month energy-restricted treatment depending on SH2B1 rs7359397 variant in NAFLD subjects: Fatty Liver in Obesity (FLiO) Study. European Journal of Nutrition, 2021, 60, 3043-3057.	3.9	5
72	A nutrigenetic tool for precision dietary management of non-alcoholic fatty liver disease deeming insulin resistance markers. Panminerva Medica, 2022, 64, .	0.8	5

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73	Dietary Quality Changes According to the Preceding Maximum Weight: A Longitudinal Analysis in the PREDIMED-Plus Randomized Trial. Nutrients, 2020, 12, 3023.	4.1	4
74	Risk factors differentially associated with non-alcoholic fatty liver disease in males and females with metabolic syndrome. Revista Espanola De Enfermedades Digestivas, 2019, 112, 94-100.	0.3	4
75	FGF-21 LEVELS AND LIVER INFLAMMATORY BIOMARKERS IN OBESE SUBJECTS AFTER WEIGHT LOSS Archives of Medical Science, 2021, 18, 36-44.	0.9	3
76	Fruit and Vegetable Consumption is Inversely Associated with Plasma Saturated Fatty Acids at Baseline in Predimed Plus Trial. Molecular Nutrition and Food Research, 2021, 65, 2100363.	3.3	3
77	Contribution of cardio-vascular risk factors to depressive status in the PREDIMED-PLUS Trial. A cross-sectional and a 2-year longitudinal study. PLoS ONE, 2022, 17, e0265079.	2.5	3
78	Polyphenol intake and cardiovascular risk in the PREDIMED-Plus trial. A comparison of different risk equations. Revista Espanola De Cardiologia (English Ed), 2021, , .	0.6	2
79	Depressive symptoms and liver fat in subjects with nonalcoholic fatty liver disease after 6-month weight loss intervention: The FLiO study. Proceedings of the Nutrition Society, 2020, 79, .	1.0	1
80	Integrative development of a short screening questionnaire of highly processed food consumption (sQ-HPF). International Journal of Behavioral Nutrition and Physical Activity, 2022, 19, 6.	4.6	1
81	Association between triglyceride glucose-body mass index and risk factors linked to non-alcoholic liver disease in subjects with metabolic syndrome. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0