

J Alfredo Martinez Hernndez

List of Publications by Year in Descending Order

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

945 papers	40,146 citations	93 h-index	158 g-index
1,006 ext. papers	47,079 ext. citations	5 avg, IF	7.51 L-index

#	Paper	IF	Citations
945	Development and validation of a new methodological platform to measure behavioral, cognitive, and physiological responses to food interventions in real time.. <i>Behavior Research Methods</i> , 2022 , 1	6.1	0
944	Integrative development of a short screening questionnaire of highly processed food consumption (sQ-HPF).. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2022 , 19, 6	8.4	
943	Interaction of ACEI antihypertensive agent administration with the inflammatory status at admission concerning COVID-19 clinical stay outcomes.. <i>Vascular Pharmacology</i> , 2022 , 143, 106955	5.9	0
942	Animal-based food choice and associations with long-term weight maintenance and metabolic health after a large and rapid weight loss: The PREVIEW study.. <i>Clinical Nutrition</i> , 2022 , 41, 817-828	5.9	0
941	Fibroblast growth factor 21 levels and liver inflammatory biomarkers in obese subjects after weight loss.. <i>Archives of Medical Science</i> , 2022 , 18, 36-44	2.9	1
940	"GENYAL" Study to Childhood Obesity Prevention: Methodology and Preliminary Results.. <i>Frontiers in Nutrition</i> , 2022 , 9, 777384	6.2	
939	Associations between dietary patterns, FTO genotype and obesity in adults from seven European countries.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	0
938	Contribution of cardio-vascular risk factors to depressive status in the PREDIMED-PLUS Trial. A cross-sectional and a 2-year longitudinal study.. <i>PLoS ONE</i> , 2022 , 17, e0265079	3.7	0
937	Potential protective effect against SARS-CoV-2 infection by APOE rs7412 polymorphism.. <i>Scientific Reports</i> , 2022 , 12, 7247	4.9	0
936	Effect of Dietary and Lifestyle Interventions on the Amelioration of NAFLD in Patients with Metabolic Syndrome: The FLIPAN Study. <i>Nutrients</i> , 2022 , 14, 2223	6.7	2
935	Goal achievement and adaptive goal adjustment in a behavioral intervention for participants with prediabetes. <i>Journal of Health Psychology</i> , 2021 , 26, 2743-2755	3.1	
934	A score appraising Paleolithic diet and the risk of cardiovascular disease in a Mediterranean prospective cohort. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	0
933	Guide and advances on childhood obesity determinants: Setting the research agenda. <i>Obesity Reviews</i> , 2021 ,	10.6	1
932	The hypertriglyceridemic-waist phenotype as a valuable and integrative mirror of metabolic syndrome traits. <i>Scientific Reports</i> , 2021 , 11, 21859	4.9	1
931	Interaction of Diet/Lifestyle Intervention and TCF7L2 Genotype on Glycemic Control and Adiposity among Overweight or Obese Adults: Big Data from Seven Randomized Controlled Trials Worldwide. <i>Health Data Science</i> , 2021 , 2021, 1-10		
930	Low birth weight and small for gestational age are associated with complications of childhood and adolescence obesity: Systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021 , e13380	10.6	4
929	Factors associated with successful dietary changes in an energy-reduced Mediterranean diet intervention: a longitudinal analysis in the PREDIMED-Plus trial. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	0

928	Inflammatory potential of diet and bone mineral density in a senior Mediterranean population: a cross-sectional analysis of PREDIMED-Plus study. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	
927	Position guidelines and evidence base concerning determinants of childhood obesity with a European perspective. <i>Obesity Reviews</i> , 2021 , e13391	10.6	
926	Healthy diet, depression and quality of life: A narrative review of biological mechanisms and primary prevention opportunities. <i>World Journal of Psychiatry</i> , 2021 , 11, 997-1016	3	3
925	Associations of quantity and quality of carbohydrate sources with subjective appetite sensations during 3-year weight-loss maintenance: Results from the PREVIEW intervention study.. <i>Clinical Nutrition</i> , 2021 , 41, 219-230	5.9	0
924	Association between the Prime Diet Quality Score and depressive symptoms in a Mediterranean population with metabolic syndrome. Cross-sectional and 2-year follow-up assessment from PREDIMED-PLUS study. <i>British Journal of Nutrition</i> , 2021 , 1-10	3.6	0
923	Appraisal of Triglyceride-Related Markers as Early Predictors of Metabolic Outcomes in the PREVIEW Lifestyle Intervention: A Controlled Trial. <i>Frontiers in Nutrition</i> , 2021 , 8, 733697	6.2	0
922	What Is the Profile of Overweight Individuals Who Are Unsuccessful Responders to a Low-Energy Diet? A PREVIEW Sub-study. <i>Frontiers in Nutrition</i> , 2021 , 8, 707682	6.2	0
921	Association between coffee consumption and total dietary caffeine intake with cognitive functioning: cross-sectional assessment in an elderly Mediterranean population. <i>European Journal of Nutrition</i> , 2021 , 60, 2381-2396	5.2	8
920	Changes in miRNA expression with two weight-loss dietary strategies in a population with metabolic syndrome. <i>Nutrition</i> , 2021 , 83, 111085	4.8	3
919	High Fruit and Vegetable Consumption and Moderate Fat Intake Are Associated with Higher Carotenoid Concentration in Human Plasma. <i>Antioxidants</i> , 2021 , 10,	7.1	2
918	Effects of two personalized dietary strategies during a 2-year intervention in subjects with nonalcoholic fatty liver disease: A randomized trial. <i>Liver International</i> , 2021 , 41, 1532-1544	7.9	5
917	Potential Mechanisms Linking Food-Derived MicroRNAs, Gut Microbiota and Intestinal Barrier Functions in the Context of Nutrition and Human Health. <i>Frontiers in Nutrition</i> , 2021 , 8, 586564	6.2	13
916	Consumption of caffeinated beverages and kidney function decline in an elderly Mediterranean population with metabolic syndrome. <i>Scientific Reports</i> , 2021 , 11, 8719	4.9	3
915	Precision nutrition based on phenotypical traits and the (epi)genotype: nutrigenetic and nutrigenomic approaches for obesity care. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2021 , 24, 315-325	3.8	4
914	Non-Alcoholic Fatty Liver Disease Is Associated with Kidney Glomerular Hyperfiltration in Adults with Metabolic Syndrome. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
913	Variety in fruits and vegetables, diet quality and lifestyle in an older adult mediterranean population. <i>Clinical Nutrition</i> , 2021 , 40, 1510-1518	5.9	10
912	Gut Microbiota Induced by Pterostilbene and Resveratrol in High-Fat-High-Fructose Fed Rats: Putative Role in Steatohepatitis Onset. <i>Nutrients</i> , 2021 , 13,	6.7	4
911	Longitudinal changes in adherence to the portfolio and DASH dietary patterns and cardiometabolic risk factors in the PREDIMED-Plus study. <i>Clinical Nutrition</i> , 2021 , 40, 2825-2836	5.9	3

910	Dose-Dependent Associations of Dietary Glycemic Index, Glycemic Load, and Fiber With 3-Year Weight Loss Maintenance and Glycemic Status in a High-Risk Population: A Secondary Analysis of the Diabetes Prevention Study PREVIEW. <i>Diabetes Care</i> , 2021 , 44, 1672-1681	14.6	5
909	Current Knowledge on Beetroot Bioactive Compounds: Role of Nitrate and Betalains in Health and Disease. <i>Foods</i> , 2021 , 10,	4.9	6
908	Contribution of ultra-processed foods in visceral fat deposition and other adiposity indicators: Prospective analysis nested in the PREDIMED-Plus trial. <i>Clinical Nutrition</i> , 2021 , 40, 4290-4300	5.9	12
907	Fruit consumption and cardiometabolic risk in the PREDIMED-plus study: A cross-sectional analysis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 1702-1713	4.5	6
906	A High-Protein, Low Glycemic Index Diet Suppresses Hunger but Not Weight Regain After Weight Loss: Results From a Large, 3-Years Randomized Trial (PREVIEW). <i>Frontiers in Nutrition</i> , 2021 , 8, 685648	6.2	0
905	Personalised nutrition advice reduces intake of discretionary foods and beverages: findings from the Food4Me randomised controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 70	8.4	5
904	Nutrigenomics of Dietary Lipids. <i>Antioxidants</i> , 2021 , 10,	7.1	7
903	Baseline drinking water consumption and changes in body weight and waist circumference at 2-years of follow-up in a senior Mediterranean population. <i>Clinical Nutrition</i> , 2021 , 40, 3982-3991	5.9	2
902	Impact of Portion Control Tools on Portion Size Awareness, Choice and Intake: Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2021 , 13,	6.7	3
901	Epigenetic landscape in blood leukocytes following ketosis and weight loss induced by a very low calorie ketogenic diet (VLCKD) in patients with obesity. <i>Clinical Nutrition</i> , 2021 , 40, 3959-3972	5.9	3
900	Personalised, population and planetary nutrition for precision health. <i>BMJ Nutrition, Prevention and Health</i> , 2021 , 4, 355-358	6.7	2
899	Association of Psychobehavioral Variables With HOMA-IR and BMI Differs for Men and Women With Prediabetes in the PREVIEW Lifestyle Intervention. <i>Diabetes Care</i> , 2021 , 44, 1491-1498	14.6	1
898	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). <i>Nutrients</i> , 2021 , 13,	6.7	9
897	Proinflammatory and Hepatic Features Related to Morbidity and Fatal Outcomes in COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
896	Abdominal and gluteofemoral fat depots show opposing associations with postprandial lipemia. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1467-1475	7	2
895	A predictive regression model of the obesity-related inflammatory status based on gut microbiota composition. <i>International Journal of Obesity</i> , 2021 , 45, 2261-2268	5.5	5
894	Fruit and Vegetable Consumption is Inversely Associated with Plasma Saturated Fatty Acids at Baseline in Predimed Plus Trial. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2100363	5.9	1
893	Scoping review of Paleolithic dietary patterns: a definition proposal. <i>Nutrition Research Reviews</i> , 2021 , 34, 78-106	7	6

892	Effect of a high protein/low glycaemic index diet on insulin resistance in adolescents with overweight/obesity-A PREVIEW randomized clinical trial. <i>Pediatric Obesity</i> , 2021 , 16, e12702	4.6	2
891	Association between the nutrient profile system underpinning the Nutri-Score front-of-pack nutrition label and mortality in the SUN project: A prospective cohort study. <i>Clinical Nutrition</i> , 2021 , 40, 1085-1094	5.9	8
890	The PREVIEW intervention study: Results from a 3-year randomized 2 x 2 factorial multinational trial investigating the role of protein, glycaemic index and physical activity for prevention of type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 324-337	6.7	18
889	Maresin 1 regulates insulin signaling in human adipocytes as well as in adipose tissue and muscle of lean and obese mice. <i>Journal of Physiology and Biochemistry</i> , 2021 , 77, 167-173	5	5
888	Epigenetic signatures underlying inflammation: an interplay of nutrition, physical activity, metabolic diseases, and environmental factors for personalized nutrition. <i>Inflammation Research</i> , 2021 , 70, 29-49	7.2	25
887	Postbiotics: Metabolites and mechanisms involved in microbiota-host interactions. <i>Trends in Food Science and Technology</i> , 2021 , 108, 11-26	15.3	18
886	U-Shaped Association between Dietary Acid Load and Risk of Osteoporotic Fractures in 2 Populations at High Cardiovascular Risk. <i>Journal of Nutrition</i> , 2021 , 151, 152-161	4.1	2
885	A rational review on the effects of sweeteners and sweetness enhancers on appetite, food reward and metabolic/adiposity outcomes in adults. <i>Food and Function</i> , 2021 , 12, 442-465	6.1	4
884	Dietary intake of specific amino acids and liver status in subjects with nonalcoholic fatty liver disease: fatty liver in obesity (FLiO) study. <i>European Journal of Nutrition</i> , 2021 , 60, 1769-1780	5.2	6
883	Interactions of Carbohydrate Intake and Physical Activity with Regulatory Genes Affecting Glycaemia: A Food4Me Study Analysis. <i>Lifestyle Genomics</i> , 2021 , 14, 63-72	2	1
882	Targeting body composition in an older population: do changes in movement behaviours matter? Longitudinal analyses in the PREDIMED-Plus trial. <i>BMC Medicine</i> , 2021 , 19, 3	11.4	7
881	Both macronutrient food composition and fasting insulin resistance affect postprandial glycemic responses in senior subjects. <i>Food and Function</i> , 2021 , 12, 6540-6548	6.1	1
880	Differential response to a 6-month energy-restricted treatment depending on SH2B1 rs7359397 variant in NAFLD subjects: Fatty Liver in Obesity (FLiO) Study. <i>European Journal of Nutrition</i> , 2021 , 60, 3043-3057	5.2	0
879	Effects of Long-Term DHA Supplementation and Physical Exercise on Non-Alcoholic Fatty Liver Development in Obese Aged Female Mice. <i>Nutrients</i> , 2021 , 13,	6.7	4
878	Diet- and sex-related changes of gut microbiota composition and functional profiles after 4 months of weight loss intervention. <i>European Journal of Nutrition</i> , 2021 , 60, 3279-3301	5.2	1
877	Energy Expenditure Improved Risk Factors Associated with Renal Function Loss in NAFLD and MetS Patients. <i>Nutrients</i> , 2021 , 13,	6.7	4
876	Kefir and Intestinal Microbiota Modulation: Implications in Human Health. <i>Frontiers in Nutrition</i> , 2021 , 8, 638740	6.2	11
875	Gut Microbiota Bacterial Species Associated with Mediterranean Diet-Related Food Groups in a Northern Spanish Population. <i>Nutrients</i> , 2021 , 13,	6.7	8

874	Diet-induced obesity in animal models: points to consider and influence on metabolic markers. <i>Diabetology and Metabolic Syndrome</i> , 2021 , 13, 32	5.6	13
873	Associations of changes in reported and estimated protein and energy intake with changes in insulin resistance, glycated hemoglobin, and BMI during the PREVIEW lifestyle intervention study. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1847-1858	7	1
872	Gut Microbiota Differences According to Ultra-Processed Food Consumption in a Spanish Population. <i>Nutrients</i> , 2021 , 13,	6.7	9
871	Validity of the energy-restricted Mediterranean Diet Adherence Screener. <i>Clinical Nutrition</i> , 2021 , 40, 4971-4979	5.9	12
870	The Mediterranean diet and physical activity: better together than apart for the prevention of premature mortality. <i>British Journal of Nutrition</i> , 2021 , 1-12	3.6	2
869	Pro-vegetarian food patterns and cardiometabolic risk in the PREDIMED-Plus study: a cross-sectional baseline analysis. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	1
868	Oxygen in Metabolic Dysfunction and Its Therapeutic Relevance. <i>Antioxidants and Redox Signaling</i> , 2021 , 35, 642-687	8.4	0
867	Physical activity and metabolic syndrome severity among older adults at cardiovascular risk: 1-Year trends. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 2870-2886	4.5	1
866	The triglyceride-glucose index as an adiposity marker and a predictor of fat loss induced by a low-calorie diet. <i>European Journal of Clinical Investigation</i> , 2021 , e13674	4.6	
865	Food-Based Dietary Guidelines around the World: A Comparative Analysis to Update AESAN Scientific Committee Dietary Recommendations. <i>Nutrients</i> , 2021 , 13,	6.7	4
864	Cardiorespiratory Fitness and Muscular Strength Moderates the Relationship between Polymorphism and Adiposity in Children and Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
863	Adipose tissue and blood leukocytes ACE2 DNA methylation in obesity and after weight loss. <i>European Journal of Clinical Investigation</i> , 2021 , e13685	4.6	1
862	Differentially methylated regions (DMRs) in PON3 gene between responders and non-responders to a weight loss dietary intervention: a new tool for precision management of obesity. <i>Epigenetics</i> , 2021 , 1-12	5.7	3
861	Relationship between the FTO Genotype and Early Chronic Kidney Disease in Type 2 Diabetes: The Mediating Role of Central Obesity, Hypertension, and High Albuminuria. <i>Lifestyle Genomics</i> , 2021 , 14, 73-80	2	0
860	Fecal microbiota relationships with childhood obesity: A scoping comprehensive review.. <i>Obesity Reviews</i> , 2021 , e13394	10.6	1
859	Impact of Alleles-by-Diet Interactions on Glycemic and Lipid Features- A Cross-Sectional Study of a Cohort of Type 2 Diabetes Patients from Western Mexico: Implications for Personalized Medicine. <i>Pharmacogenomics and Personalized Medicine</i> , 2020 , 13, 655-663	2.1	1
858	Relationship of visceral adipose tissue with surrogate insulin resistance and liver markers in individuals with metabolic syndrome chronic complications. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2020 , 11, 2042018820958298	4.5	6
857	The urgent need for integrated science to fight COVID-19 pandemic and beyond. <i>Journal of Translational Medicine</i> , 2020 , 18, 205	8.5	92

856	Dietary Polyphenol Intake is Associated with HDL-Cholesterol and A Better Profile of other Components of the Metabolic Syndrome: A PREDIMED-Plus Sub-Study. <i>Nutrients</i> , 2020 , 12,	6.7	33
855	Contribution of macronutrients to obesity: implications for precision nutrition. <i>Nature Reviews Endocrinology</i> , 2020 , 16, 305-320	15.2	45
854	Sociocognitive factors associated with lifestyle intervention attrition after successful weight loss among participants with prediabetes-The PREVIEW study. <i>Public Health Nursing</i> , 2020 , 37, 393-404	1.8	
853	Compositional analysis of the associations between 24-h movement behaviours and cardio-metabolic risk factors in overweight and obese adults with pre-diabetes from the PREVIEW study: cross-sectional baseline analysis. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 29	8.4	11
852	Sex-Specific Associations between Gut Prevotellaceae and Host Genetics on Adiposity. <i>Microorganisms</i> , 2020 , 8,	4.9	7
851	Nutritional Determinants of Quality of Life in a Mediterranean Cohort: The SUN Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	5
850	Polymorphic Appetite Effects on Waist Circumference Depend on rs3749474 CLOCK Gene Variant. <i>Nutrients</i> , 2020 , 12,	6.7	2
849	Crosstalk between circulating microRNAs and chronotypical features in subjects with metabolic syndrome. <i>Chronobiology International</i> , 2020 , 37, 1048-1058	3.6	5
848	Association Between Lifestyle and Hypertriglyceridemic Waist Phenotype in the PREDIMED-Plus Study. <i>Obesity</i> , 2020 , 28, 537-543	8	10
847	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
846	Characteristics of participants who benefit most from personalised nutrition: findings from the pan-European Food4Me randomised controlled trial. <i>British Journal of Nutrition</i> , 2020 , 123, 1396-1405	3.6	5
845	Food consumption by degree of processing and cardiometabolic risk: a systematic review. <i>International Journal of Food Sciences and Nutrition</i> , 2020 , 71, 678-692	3.7	36
844	Circulating adiposity-related microRNAs as predictors of the response to a low-fat diet in subjects with obesity. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 2956-2967	5.6	11
843	Association of the rs7359397 Gene Polymorphism with Steatosis Severity in Subjects with Obesity and Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2020 , 12,	6.7	4
842	Risk factors differentially associated with non-alcoholic fatty liver disease in males and females with metabolic syndrome. <i>Revista Espanola De Enfermedades Digestivas</i> , 2020 , 112, 94-100	0.9	1
841	The Effect of Physical Activity and High Body Mass Index on Health-Related Quality of Life in Individuals with Metabolic Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	5
840	A Machine Learning Approach to Short-Term Body Weight Prediction in a Dietary Intervention Program. <i>Lecture Notes in Computer Science</i> , 2020 , 441-455	0.9	0
839	Prospective association of physical activity and inflammatory biomarkers in older adults from the PREDIMED-Plus study with overweight or obesity and metabolic syndrome. <i>Clinical Nutrition</i> , 2020 , 39, 3092-3098	5.9	12

838	Health-related quality of life in individuals with metabolic syndrome: A cross-sectional study. <i>Semergen</i> , 2020 , 46, 524-537	1.9	3
837	Metabolic Syndrome Features and Excess Weight Were Inversely Associated with Nut Consumption after 1-Year Follow-Up in the PREDIMED-Plus Study. <i>Journal of Nutrition</i> , 2020 , 150, 3161-3170	4.1	7
836	Cross-sectional evaluation of the interaction between activity relative-time expenditure and comorbidity concerning physical quality of life. <i>Medicine (United States)</i> , 2020 , 99, e22552	1.8	1
835	Association between dairy product consumption and hyperuricemia in an elderly population with metabolic syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 214-222	4.5	6
834	Influence of lifestyle factors and staple foods from the Mediterranean diet on non-alcoholic fatty liver disease among older individuals with metabolic syndrome features. <i>Nutrition</i> , 2020 , 71, 110620	4.8	15
833	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
832	Biochemical profile, eating habits, and telomere length among Brazilian children and adolescents. <i>Nutrition</i> , 2020 , 71, 110645	4.8	4
831	Nutrigenetic approaches in obesity and weight loss 2020 , 409-415		
830	Modeling of an integrative prototype based on genetic, phenotypic, and environmental information for personalized prescription of energy-restricted diets in overweight/obese subjects. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 459-470	7	10
829	One-Carbon Metabolism and Nonalcoholic Fatty Liver Disease: The Crosstalk between Nutrients, Microbiota, and Genetics. <i>Lifestyle Genomics</i> , 2020 , 13, 53-63	2	11
828	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. <i>Journal of Clinical Lipidology</i> , 2020 , 14, 837-849.e2	4.9	5
827	Dietary Quality Changes According to the Preceding Maximum Weight: A Longitudinal Analysis in the PREDIMED-Plus Randomized Trial. <i>Nutrients</i> , 2020 , 12,	6.7	1
826	Relationship between olive oil consumption and ankle-brachial pressure index in a population at high cardiovascular risk. <i>Atherosclerosis</i> , 2020 , 314, 48-57	3.1	1
825	The Mediterranean diet, dietary inflammatory index, and adiposity 2020 , 337-346		1
824	Inflammatory-Related Clinical and Metabolic Outcomes in COVID-19 Patients. <i>Mediators of Inflammation</i> , 2020 , 2020, 2914275	4.3	7
823	Antioxidant Lifestyle, Co-Morbidities and Quality of Life Empowerment Concerning Liver Fibrosis. <i>Antioxidants</i> , 2020 , 9,	7.1	2
822	Predictive Value of Serum Ferritin in Combination with Alanine Aminotransferase and Glucose Levels for Noninvasive Assessment of NAFLD: Fatty Liver in Obesity (FLiO) Study. <i>Diagnostics</i> , 2020 , 10,	3.8	1
821	Intestinal Lipid Metabolism Genes Regulated by miRNAs. <i>Frontiers in Genetics</i> , 2020 , 11, 707	4.5	9

820	Adherence to the Mediterranean Lifestyle and Desired Body Weight Loss in a Mediterranean Adult Population with Overweight: A PREDIMED-Plus Study. <i>Nutrients</i> , 2020 , 12,	6.7	8
819	Exploring Host Genetic Polymorphisms Involved in SARS-CoV Infection Outcomes: Implications for Personalized Medicine in COVID-19. <i>International Journal of Genomics</i> , 2020 , 2020, 6901217	2.5	6
818	Depressive symptoms and liver fat in subjects with nonalcoholic fatty liver disease after 6-month weight loss intervention: The FLiO study. <i>Proceedings of the Nutrition Society</i> , 2020 , 79,	2.9	1
817	PPARGC1A Gene Promoter Methylation as a Biomarker of Insulin Secretion and Sensitivity in Response to Glucose Challenges. <i>Nutrients</i> , 2020 , 12,	6.7	2
816	Oxidative Stress and Pro-Inflammatory Status in Patients with Non-Alcoholic Fatty Liver Disease. <i>Antioxidants</i> , 2020 , 9,	7.1	13
815	Comprehensive Analysis Reveals Novel Interactions between Circulating MicroRNAs and Gut Microbiota Composition in Human Obesity. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
814	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
813	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
812	Fluid and total water intake in a senior mediterranean population at high cardiovascular risk: demographic and lifestyle determinants in the PREDIMED-Plus study. <i>European Journal of Nutrition</i> , 2020 , 59, 1595-1606	5.2	3
811	Nutrient adequacy and diet quality in a Mediterranean population with metabolic syndrome: A cross-sectional study. <i>Clinical Nutrition</i> , 2020 , 39, 853-861	5.9	2
810	Effect of changes in adherence to Mediterranean diet on nutrient density after 1-year of follow-up: results from the PREDIMED-Plus Study. <i>European Journal of Nutrition</i> , 2020 , 59, 2395-2409	5.2	4
809	Nutrients, Obesity and Gene Expression 2020 , 431-440		3
808	Epigenetic Analyses Tools for Nutrition Research 2020 , 59-67		
807	Genetic Variations With Influence on the Individualized Response to Weight Loss Diets 2020 , 181-186		
806	A combination of borage seed oil and quercetin reduces fat accumulation and improves insulin sensitivity in obese rats. <i>Food and Function</i> , 2020 , 11, 4512-4524	6.1	6
805	Leisure-Time Physical Activity, Sedentary Behaviour and Diet Quality are Associated with Metabolic Syndrome Severity: The PREDIMED-Plus Study. <i>Nutrients</i> , 2020 , 12,	6.7	10
804	Crosstalk between microRNAs, the putative target genes and the lncRNA network in metabolic diseases. <i>Molecular Medicine Reports</i> , 2019 , 20, 3543-3554	2.9	7
803	Models Integrating Genetic and Lifestyle Interactions on Two Adiposity Phenotypes for Personalized Prescription of Energy-Restricted Diets With Different Macronutrient Distribution. <i>Frontiers in Genetics</i> , 2019 , 10, 686	4.5	8

802	Genetic and nongenetic factors explaining metabolically healthy and unhealthy phenotypes in participants with excessive adiposity: relevance for personalized nutrition. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2019 , 10, 2042018819877303	4.5	8
801	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. <i>Nutrients</i> , 2019 , 11,	6.7	24
800	Factors Associated with Sarcopenia and 7-Year Mortality in Very Old Patients with Hip Fracture Admitted to Rehabilitation Units: A Pragmatic Study. <i>Nutrients</i> , 2019 , 11,	6.7	11
799	Epigenetic Modifications as Outcomes of Exercise Interventions Related to Specific Metabolic Alterations: A Systematic Review. <i>Lifestyle Genomics</i> , 2019 , 12, 25-44	2	19
798	Lifestyle factors and visceral adipose tissue: Results from the PREDIMED-PLUS study. <i>PLoS ONE</i> , 2019 , 14, e0210726	3.7	8
797	The role of the genetic variants IRX3 rs3751723 and FTO rs9939609 in the obesity phenotypes of children and adolescents. <i>Obesity Research and Clinical Practice</i> , 2019 , 13, 137-142	5.4	5
796	Ultrasound/Elastography techniques, lipidomic and blood markers compared to Magnetic Resonance Imaging in non-alcoholic fatty liver disease adults. <i>International Journal of Medical Sciences</i> , 2019 , 16, 75-83	3.7	16
795	Platelet Serotonin Levels Are Associated with Plasma Soluble Leptin Receptor Concentrations in Normoglycemic Women. <i>Journal of Diabetes Research</i> , 2019 , 2019, 2714049	3.9	1
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793	Methylome-Wide Association Study in Peripheral White Blood Cells Focusing on Central Obesity and Inflammation. <i>Genes</i> , 2019 , 10,	4.2	9
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791	Changes in Anxiety and Depression Traits Induced by Energy Restriction: Predictive Value of the Baseline Status. <i>Nutrients</i> , 2019 , 11,	6.7	6
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783	Nut Consumptions as a Marker of Higher Diet Quality in a Mediterranean Population at High Cardiovascular Risk. <i>Nutrients</i> , 2019 , 11,	6.7	9
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780	Impact of dietary lipoic acid supplementation on liver mitochondrial bioenergetics and oxidative status on normally fed Wistar rats. <i>International Journal of Food Sciences and Nutrition</i> , 2019 , 70, 834-844	2.7	7
779	Cerium Oxide Nanoparticles Regulate Insulin Sensitivity and Oxidative Markers in 3T3-L1 Adipocytes and C2C12 Myotubes. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 2695289	6.7	10
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27	Expression of heterogeneous nuclear ribonucleoprotein A2/B1 changes with critical stages of mammalian lung development. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998 , 19, 554-62	5.7	45
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