

Elena M Yubero-Serrano

List of Publications by Citations

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

80
papers

1,859
citations

25
h-index

40
g-index

89
ext. papers

2,433
ext. citations

5.7
avg, IF

4.49
L-index

#	Paper	IF	Citations
80	Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. <i>American Journal of Clinical Nutrition</i> , 2011 , 93, 267-74	7	111
79	Expression of proinflammatory, proatherogenic genes is reduced by the Mediterranean diet in elderly people. <i>British Journal of Nutrition</i> , 2012 , 108, 500-8	3.6	96
78	CORonary Diet Intervention with Olive oil and cardiovascular PREvention study (the CORDIOPREV study): Rationale, methods, and baseline characteristics: A clinical trial comparing the efficacy of a Mediterranean diet rich in olive oil versus a low-fat diet on cardiovascular disease in coronary patients. <i>American Journal of Clinical Nutrition</i> , 2011 , 93, 142-50	4.9	91
77	Dietary fat modifies the postprandial inflammatory state in subjects with metabolic syndrome: the LIPGENE study. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 854-65	5.9	66
76	Mediterranean diet supplemented with coenzyme Q10 modifies the expression of proinflammatory and endoplasmic reticulum stress-related genes in elderly men and women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012 , 67, 3-10	6.4	64
75	Endothelial aging associated with oxidative stress can be modulated by a healthy mediterranean diet. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 8869-89	6.3	63
74	Oxidative stress is associated with the number of components of metabolic syndrome: LIPGENE study. <i>Experimental and Molecular Medicine</i> , 2013 , 45, e28	12.8	63
73	Extra virgin olive oil: More than a healthy fat. <i>European Journal of Clinical Nutrition</i> , 2019 , 72, 8-17	5.2	63
72	Mediterranean diet reduces senescence-associated stress in endothelial cells. <i>Age</i> , 2012 , 34, 1309-16		62
71	Postprandial oxidative stress is modified by dietary fat: evidence from a human intervention study. <i>Clinical Science</i> , 2010 , 119, 251-61	6.5	53
70	Circulating miRNAs as Predictive Biomarkers of Type 2 Diabetes Mellitus Development in Coronary Heart Disease Patients from the CORDIOPREV Study. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 12, 146-157	10.7	52
69	Effects of sevelamer carbonate on advanced glycation end products and antioxidant/pro-oxidant status in patients with diabetic kidney disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 759-66	6.9	51
68	Olive oil phenolic compounds decrease the postprandial inflammatory response by reducing postprandial plasma lipopolysaccharide levels. <i>Food Chemistry</i> , 2014 , 162, 161-71	8.5	45
67	Consumption of diets with different type of fat influences triacylglycerols-rich lipoproteins particle number and size during the postprandial state. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011 , 21, 39-45	4.5	45
66	Postprandial antioxidant effect of the Mediterranean diet supplemented with coenzyme Q10 in elderly men and women. <i>Age</i> , 2011 , 33, 579-90		43
65	Mediterranean diet supplemented with coenzyme Q10 induces postprandial changes in p53 in response to oxidative DNA damage in elderly subjects. <i>Age</i> , 2012 , 34, 389-403		41
64	Insulin resistance determines a differential response to changes in dietary fat modification on metabolic syndrome risk factors: the LIPGENE study. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1509-17	7	40

63	Effects of the Mediterranean diet supplemented with coenzyme q10 on metabolomic profiles in elderly men and women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 78-84	6.4	37
62	Coenzyme Q: From bench to clinic in aging diseases, a translational review. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 2240-2257	11.5	36
61	Mediterranean diet improves endothelial function in patients with diabetes and prediabetes: A report from the CORDIOPREV study. <i>Atherosclerosis</i> , 2018 , 269, 50-56	3.1	32
60	Postprandial antioxidant gene expression is modified by Mediterranean diet supplemented with coenzyme Q(10) in elderly men and women. <i>Age</i> , 2013 , 35, 159-70		32
59	Mediterranean diet and endothelial function in patients with coronary heart disease: An analysis of the CORDIOPREV randomized controlled trial. <i>PLoS Medicine</i> , 2020 , 17, e1003282	11.6	32
58	Antioxidant system response is modified by dietary fat in adipose tissue of metabolic syndrome patients. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1717-23	6.3	28
57	Dysregulation of the splicing machinery is directly associated to aggressiveness of prostate cancer. <i>EBioMedicine</i> , 2020 , 51, 102547	8.8	26
56	Mediterranean Diet Reduces Serum Advanced Glycation End Products and Increases Antioxidant Defenses in Elderly Adults: A Randomized Controlled Trial. <i>Journal of the American Geriatrics Society</i> , 2016 , 64, 901-4	5.6	25
55	Interleukin 1B variant -1473G/C (rs1143623) influences triglyceride and interleukin 6 metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E816-20	5.6	24
54	Effect of Dietary Lipids on Endotoxemia Influences Postprandial Inflammatory Response. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 7756-7763	5.7	23
53	Effects of rs7903146 variation in the Tcf7l2 gene in the lipid metabolism of three different populations. <i>PLoS ONE</i> , 2012 , 7, e43390	3.7	22
52	Dietary fat quantity and quality modifies advanced glycation end products metabolism in patients with metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1601029	5.9	21
51	Chronic consumption of a low-fat diet improves cardiometabolic risk factors according to the CLOCK gene in patients with coronary heart disease. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2556-64	5.9	21
50	Coenzyme Q Supplementation for the Reduction of Oxidative Stress: Clinical Implications in the Treatment of Chronic Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	21
49	Long-term dietary adherence and changes in dietary intake in coronary patients after intervention with a Mediterranean diet or a low-fat diet: the CORDIOPREV randomized trial. <i>European Journal of Nutrition</i> , 2020 , 59, 2099-2110	5.2	21
48	Mediterranean Diet Supplemented With Coenzyme Q10 Modulates the Postprandial Metabolism of Advanced Glycation End Products in Elderly Men and Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 340-346	6.4	20
47	cpFBPasell, a novel redox-independent chloroplastic isoform of fructose-1,6-bisphosphatase. <i>Plant, Cell and Environment</i> , 2009 , 32, 811-27	8.4	20
46	Long-term consumption of a Mediterranean diet improves postprandial lipemia in patients with type 2 diabetes: the Cordioprev randomized trial. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 963-970		20

45	APOA1 and APOA4 gene polymorphisms influence the effects of dietary fat on LDL particle size and oxidation in healthy young adults. <i>Journal of Nutrition</i> , 2010 , 140, 773-8	4.1	19
44	Breast cancer is associated to impaired glucose/insulin homeostasis in premenopausal obese/overweight patients. <i>Oncotarget</i> , 2017 , 8, 81462-81474	3.3	17
43	Assessment of postprandial triglycerides in clinical practice: Validation in a general population and coronary heart disease patients. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 1163-71	4.9	17
42	Low Intake of Vitamin E Accelerates Cellular Aging in Patients With Established Cardiovascular Disease: The CORDIOPREV Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 770-777	6.4	16
41	Dietary fat modifies lipid metabolism in the adipose tissue of metabolic syndrome patients. <i>Genes and Nutrition</i> , 2014 , 9, 409	4.3	16
40	Postprandial effects of the Mediterranean diet on oxidant and antioxidant status in elderly men and women. <i>Journal of the American Geriatrics Society</i> , 2011 , 59, 938-40	5.6	16
39	The insulin sensitivity response is determined by the interaction between the G972R polymorphism of the insulin receptor substrate 1 gene and dietary fat. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 328-35	5.9	16
38	Dietary fat may modulate adipose tissue homeostasis through the processes of autophagy and apoptosis. <i>European Journal of Nutrition</i> , 2017 , 56, 1621-1628	5.2	15
37	Proteome from patients with metabolic syndrome is regulated by quantity and quality of dietary lipids. <i>BMC Genomics</i> , 2015 , 16, 509	4.5	15
36	Postprandial activation of p53-dependent DNA repair is modified by Mediterranean diet supplemented with coenzyme Q10 in elderly subjects. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 886-93	6.4	13
35	Lipid metabolism after an oral fat test meal is affected by age-associated features of metabolic syndrome, but not by age. <i>Atherosclerosis</i> , 2013 , 226, 258-62	3.1	13
34	Dietary fat alters the expression of cortistatin and ghrelin systems in the PBMCs of elderly subjects: putative implications in the postprandial inflammatory response. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1897-906	5.9	13
33	Telomerase RNA Component Genetic Variants Interact With the Mediterranean Diet Modifying the Inflammatory Status and its Relationship With Aging: CORDIOPREV Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 327-332	6.4	11
32	Endotoxemia is modulated by quantity and quality of dietary fat in older adults. <i>Experimental Gerontology</i> , 2018 , 109, 119-125	4.5	11
31	A dysregulation of glucose metabolism control is associated with carotid atherosclerosis in patients with coronary heart disease (CORDIOPREV-DIAB study). <i>Atherosclerosis</i> , 2016 , 253, 178-185	3.1	10
30	Influence of endothelial dysfunction on telomere length in subjects with metabolic syndrome: LIPGENE study. <i>Age</i> , 2014 , 36, 9681		10
29	Apolipoprotein E genetic variants interact with Mediterranean diet to modulate postprandial hypertriglyceridemia in coronary heart disease patients: CORDIOPREV study. <i>European Journal of Clinical Investigation</i> , 2019 , 49, e13146	4.6	9
28	TNFA gene variants related to the inflammatory status and its association with cellular aging: From the CORDIOPREV study. <i>Experimental Gerontology</i> , 2016 , 83, 56-62	4.5	9

27	Coenzyme Q and Cardiovascular Diseases. <i>Antioxidants</i> , 2021 , 10,	7.1	8
26	Reduction in Circulating Advanced Glycation End Products by Mediterranean Diet Is Associated with Increased Likelihood of Type 2 Diabetes Remission in Patients with Coronary Heart Disease: From the Cordioprev Study. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e1901290	5.9	8
25	Neovascular deterioration, impaired NADPH oxidase and inflammatory cytokine expression in adipose-derived multipotent cells from subjects with metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2017 , 71, 132-143	12.7	7
24	HDL cholesterol efflux normalised to apoA-I is associated with future development of type 2 diabetes: from the CORDIOPREV trial. <i>Scientific Reports</i> , 2017 , 7, 12499	4.9	7
23	CCNG2 and CDK4 is associated with insulin resistance in adipose tissue. <i>Surgery for Obesity and Related Diseases</i> , 2014 , 10, 691-6	3	7
22	Clinical, Cellular, and Molecular Evidence of the Additive Antitumor Effects of Biguanides and Statins in Prostate Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e696-e710	5.6	7
21	Parathyroid Hormone-Related Protein, Human Adipose-Derived Stem Cells Adipogenic Capacity and Healthy Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E826-35	5.6	6
20	Endothelial Dysfunction and Advanced Glycation End Products in Patients with Newly Diagnosed Versus Established Diabetes: From the CORDIOPREV Study. <i>Nutrients</i> , 2020 , 12,	6.7	6
19	Influence of Obesity and Metabolic Disease on Carotid Atherosclerosis in Patients with Coronary Artery Disease (CordioPrev Study). <i>PLoS ONE</i> , 2016 , 11, e0153096	3.7	6
18	Mediterranean Diet Reduces Atherosclerosis Progression in Coronary Heart Disease: An Analysis of the CORDIOPREV Randomized Controlled Trial. <i>Stroke</i> , 2021 , 52, 3440-3449	6.7	6
17	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. <i>Medicina Clínica</i> , 2018 , 150, 131-137	1	4
16	Postprandial Lipemia Modulates Pancreatic Alpha-Cell Function in the Prediction of Type 2 Diabetes Development: The CORDIOPREV Study. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 1266-1275	5.7	3
15	Quality and Quantity of Protein Intake Influence Incidence of Type 2 Diabetes Mellitus in Coronary Heart Disease Patients: From the CORDIOPREV Study. <i>Nutrients</i> , 2021 , 13,	6.7	3
14	Age-dependent effect of metabolic phenotypes on carotid atherosclerotic disease in coronary heart disease patients (CORDIOPREV study). <i>BMC Geriatrics</i> , 2020 , 20, 151	4.1	3
13	Potential Role of Insulin Growth-Factor-Binding Protein 2 as Therapeutic Target for Obesity-Related Insulin Resistance. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
12	Coenzyme Q10 as an Antioxidant in the Elderly 2014 , 109-117		2
11	Pharmacologic control of oxidative stress and inflammation determines whether diabetic glomerulosclerosis progresses or decreases: A pilot study in sclerosis-prone mice. <i>PLoS ONE</i> , 2018 , 13, e0204366	3.7	2
10	Efecto de la cantidad y el tipo de grasa de la dieta en la respuesta posprandial de la concentración de proteína C reactiva en el síndrome metabólico. <i>Clínica E Investigación En Arteriosclerosis</i> , 2009 , 21, 281-286	1.4	1

9	Long-term consumption of a mediterranean diet or a low-fat diet on kidney function in coronary heart disease patients: The CORDIOPREV randomized controlled trial.. <i>Clinical Nutrition</i> , 2022 , 41, 552-559	5.9	1
8	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. <i>Medicina Clínica (English Edition)</i> , 2018 , 150, 131-137	0.3	0
7	The Mediterranean Diet 2020 , 17-31		0
6	Association between cholesterol efflux capacity and peripheral artery disease in coronary heart disease patients with and without type 2 diabetes: from the CORDIOPREV study. <i>Cardiovascular Diabetology</i> , 2021 , 20, 72	8.7	0
5	Dysregulation of Components of the Inflammasome Machinery After Bariatric Surgery: Novel Targets for a Chronic Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e4917-e4934	5.6	0
4	Long-term effect of a dietary intervention with two-healthy dietary approaches on food intake and nutrient density in coronary patients: results from the CORDIOPREV trial.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	0
3	Coenzyme Q10 as an antioxidant in the elderly 2020 , 165-171		
2	Effects of Coenzyme Q10 Supplementation on Elderly People 2020 , 347-365		
1	Cardiovascular Benefits of Olive Oil: Beyond Effects of Fat Content	353-366	