Elena M Yubero-Serrano

List of Publications by Year in Descending Order

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	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.. *Clinical Nutrition*, **2022**, 41, 552-559	5.9	1
79	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.. *European Journal of Nutrition*, **2022**, 1	5.2	0
78	Association between cholesterol efflux capacity and peripheral artery disease in coronary heart disease patients with and without type 2 diabetes: from the CORDIOPREV study. *Cardiovascular Diabetology*, **2021**, 20, 72	8.7	0
77	Quality and Quantity of Protein Intake Influence Incidence of Type 2 Diabetes Mellitus in Coronary Heart Disease Patients: From the CORDIOPREV Study. *Nutrients*, **2021**, 13,	6.7	3
76	Coenzyme Q and Cardiovascular Diseases. *Antioxidants*, **2021**, 10,	7.1	8
75	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. *Molecular Nutrition and Food Research*, **2021**, 65, e1901290	5.9	8
74	Clinical, Cellular, and Molecular Evidence of the Additive Antitumor Effects of Biguanides and Statins in Prostate Cancer. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e696-e710	5.6	7
73	Potential Role of Insulin Growth-Factor-Binding Protein 2 as Therapeutic Target for Obesity-Related Insulin Resistance. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
72	Dysregulation of Components of the Inflammasome Machinery After Bariatric Surgery: Novel Targets for a Chronic Disease. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e4917-e4934	5.6	0
71	Mediterranean Diet Reduces Atherosclerosis Progression in Coronary Heart Disease: An Analysis of the CORDIOPREV Randomized Controlled Trial. *Stroke*, **2021**, 52, 3440-3449	6.7	6
70	Coenzyme Q10 as an antioxidant in the elderly **2020**, 165-171		
69	Endothelial Dysfunction and Advanced Glycation End Products in Patients with Newly Diagnosed Versus Established Diabetes: From the CORDIOPREV Study. *Nutrients*, **2020**, 12,	6.7	6
68	Postprandial Lipemia Modulates Pancreatic Alpha-Cell Function in the Prediction of Type 2 Diabetes Development: The CORDIOPREV Study. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 1266-1275	5.7	3
67	The Mediterranean Diet **2020**, 17-31		0
66	Effects of Coenzyme Q10 Supplementation on Elderly People **2020**, 347-365		
65	Dysregulation of the splicing machinery is directly associated to aggressiveness of prostate cancer. *EBioMedicine*, **2020**, 51, 102547	8.8	26
64	Coenzyme Q Supplementation for the Reduction of Oxidative Stress: Clinical Implications in the Treatment of Chronic Diseases. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	21

63	Mediterranean diet and endothelial function in patients with coronary heart disease: An analysis of the CORDIOPREV randomized controlled trial. *PLoS Medicine*, **2020**, 17, e1003282	11.6	32
62	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. *European Journal of Nutrition*, **2020**, 59, 2099-2110	5.2	21
61	Age-dependent effect of metabolic phenotypes on carotid atherosclerotic disease in coronary heart disease patients (CORDIOPREV study). *BMC Geriatrics*, **2020**, 20, 151	4.1	3
60	Apolipoprotein E genetic variants interact with Mediterranean diet to modulate postprandial hypertriglyceridemia in coronary heart disease patients: CORDIOPREV study. *European Journal of Clinical Investigation*, **2019**, 49, e13146	4.6	9
59	Low Intake of Vitamin E Accelerates Cellular Aging in Patients With Established Cardiovascular Disease: The CORDIOPREV Study. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2019**, 74, 770-777	6.4	16
58	Extra virgin olive oil: More than a healthy fat. *European Journal of Clinical Nutrition*, **2019**, 72, 8-17	5.2	63
57	Coenzyme Q: From bench to clinic in aging diseases, a translational review. *Critical Reviews in Food Science and Nutrition*, **2019**, 59, 2240-2257	11.5	36
56	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. *Medicina Clínica (English Edition)*, **2018**, 150, 131-137	0.3	0
55	Mediterranean diet improves endothelial function in patients with diabetes and prediabetes: A report from the CORDIOPREV study. *Atherosclerosis*, **2018**, 269, 50-56	3.1	32
54	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. *Medicina Clínica*, **2018**, 150, 131-137	1	4
53	Mediterranean Diet Supplemented With Coenzyme Q10 Modulates the Postprandial Metabolism of Advanced Glycation End Products in Elderly Men and Women. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2018**, 73, 340-346	6.4	20
52	Circulating miRNAs as Predictive Biomarkers of Type 2 Diabetes Mellitus Development in Coronary Heart Disease Patients from the CORDIOPREV Study. *Molecular Therapy - Nucleic Acids*, **2018**, 12, 146-157	10.7	52
51	Telomerase RNA Component Genetic Variants Interact With the Mediterranean Diet Modifying the Inflammatory Status and its Relationship With Aging: CORDIOPREV Study. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2018**, 73, 327-332	6.4	11
50	Endotoxemia is modulated by quantity and quality of dietary fat in older adults. *Experimental Gerontology*, **2018**, 109, 119-125	4.5	11
49	Long-term consumption of a Mediterranean diet improves postprandial lipemia in patients with type 2 diabetes: the Cordioprev randomized trial. *American Journal of Clinical Nutrition*, **2018**, 108, 963-970	7	20
48	Pharmacologic control of oxidative stress and inflammation determines whether diabetic glomerulosclerosis progresses or decreases: A pilot study in sclerosis-prone mice. *PLoS ONE*, **2018**, 13, e0204366	3.7	2
47	Dietary fat may modulate adipose tissue homeostasis through the processes of autophagy and apoptosis. *European Journal of Nutrition*, **2017**, 56, 1621-1628	5.2	15
46	Dietary fat quantity and quality modifies advanced glycation end products metabolism in patients with metabolic syndrome. *Molecular Nutrition and Food Research*, **2017**, 61, 1601029	5.9	21

45	Neovascular deterioration, impaired NADPH oxidase and inflammatory cytokine expression in adipose-derived multipotent cells from subjects with metabolic syndrome. *Metabolism: Clinical and Experimental*, **2017**, 71, 132-143	12.7	7
44	HDL cholesterol efflux normalised to apoA-I is associated with future development of type 2 diabetes: from the CORDIOPREV trial. *Scientific Reports*, **2017**, 7, 12499	4.9	7
43	Effect of Dietary Lipids on Endotoxemia Influences Postprandial Inflammatory Response. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 7756-7763	5.7	23
42	Breast cancer is associated to impaired glucose/insulin homeostasis in premenopausal obese/overweight patients. *Oncotarget*, **2017**, 8, 81462-81474	3.3	17
41	TNFA gene variants related to the inflammatory status and its association with cellular aging: From the CORDIOPREV study. *Experimental Gerontology*, **2016**, 83, 56-62	4.5	9
40	A dysregulation of glucose metabolism control is associated with carotid atherosclerosis in patients with coronary heart disease (CORDIOPREV-DIAB study). *Atherosclerosis*, **2016**, 253, 178-185	3.1	10
39	Influence of Obesity and Metabolic Disease on Carotid Atherosclerosis in Patients with Coronary Artery Disease (CordioPrev Study). *PLoS ONE*, **2016**, 11, e0153096	3.7	6
38	Mediterranean Diet Reduces Serum Advanced Glycation End Products and Increases Antioxidant Defenses in Elderly Adults: A Randomized Controlled Trial. *Journal of the American Geriatrics Society*, **2016**, 64, 901-4	5.6	25
37	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. *American Heart Journal*, **2016**, 177, 42-50	4.9	91
36	Assessment of postprandial triglycerides in clinical practice: Validation in a general population and coronary heart disease patients. *Journal of Clinical Lipidology*, **2016**, 10, 1163-71	4.9	17
35	Effects of sevelamer carbonate on advanced glycation end products and antioxidant/pro-oxidant status in patients with diabetic kidney disease. *Clinical Journal of the American Society of Nephrology: CJASN*, **2015**, 10, 759-66	6.9	51
34	Parathyroid Hormone-Related Protein, Human Adipose-Derived Stem Cells Adipogenic Capacity and Healthy Obesity. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E826-35	5.6	6
33	Proteome from patients with metabolic syndrome is regulated by quantity and quality of dietary lipids. *BMC Genomics*, **2015**, 16, 509	4.5	15
32	Insulin resistance determines a differential response to changes in dietary fat modification on metabolic syndrome risk factors: the LIPGENE study. *American Journal of Clinical Nutrition*, **2015**, 102, 1509-17	7	40
31	Chronic consumption of a low-fat diet improves cardiometabolic risk factors according to the CLOCK gene in patients with coronary heart disease. *Molecular Nutrition and Food Research*, **2015**, 59, 2556-64	5.9	21
30	Effects of the Mediterranean diet supplemented with coenzyme q10 on metabolomic profiles in elderly men and women. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2015**, 70, 78-84	6.4	37
29	Influence of endothelial dysfunction on telomere length in subjects with metabolic syndrome: LIPGENE study. *Age*, **2014**, 36, 9681		10
28	Olive oil phenolic compounds decrease the postprandial inflammatory response by reducing postprandial plasma lipopolysaccharide levels. *Food Chemistry*, **2014**, 162, 161-71	8.5	45

27	Dietary fat modifies lipid metabolism in the adipose tissue of metabolic syndrome patients. *Genes and Nutrition*, **2014**, 9, 409	4.3	16
26	Postprandial activation of p53-dependent DNA repair is modified by Mediterranean diet supplemented with coenzyme Q10 in elderly subjects. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2014**, 69, 886-93	6.4	13
25	Dietary fat alters the expression of cortistatin and ghrelin systems in the PBMCs of elderly subjects: putative implications in the postprandial inflammatory response. *Molecular Nutrition and Food Research*, **2014**, 58, 1897-906	5.9	13
24	Coenzyme Q10 as an Antioxidant in the Elderly **2014**, 109-117		2
23	CCNG2 and CDK4 is associated with insulin resistance in adipose tissue. *Surgery for Obesity and Related Diseases*, **2014**, 10, 691-6	3	7
22	Endothelial aging associated with oxidative stress can be modulated by a healthy mediterranean diet. *International Journal of Molecular Sciences*, **2013**, 14, 8869-89	6.3	63
21	Antioxidant system response is modified by dietary fat in adipose tissue of metabolic syndrome patients. *Journal of Nutritional Biochemistry*, **2013**, 24, 1717-23	6.3	28
20	Postprandial antioxidant gene expression is modified by Mediterranean diet supplemented with coenzyme Q(10) in elderly men and women. *Age*, **2013**, 35, 159-70		32
19	Lipid metabolism after an oral fat test meal is affected by age-associated features of metabolic syndrome, but not by age. *Atherosclerosis*, **2013**, 226, 258-62	3.1	13
18	Oxidative stress is associated with the number of components of metabolic syndrome: LIPGENE study. *Experimental and Molecular Medicine*, **2013**, 45, e28	12.8	63
17	Mediterranean diet reduces senescence-associated stress in endothelial cells. *Age*, **2012**, 34, 1309-16		62
16	Dietary fat modifies the postprandial inflammatory state in subjects with metabolic syndrome: the LIPGENE study. *Molecular Nutrition and Food Research*, **2012**, 56, 854-65	5.9	66
15	Mediterranean diet supplemented with coenzyme Q10 modifies the expression of proinflammatory and endoplasmic reticulum stress-related genes in elderly men and women. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2012**, 67, 3-10	6.4	64
14	Mediterranean diet supplemented with coenzyme Q10 induces postprandial changes in p53 in response to oxidative DNA damage in elderly subjects. *Age*, **2012**, 34, 389-403		41
13	Expression of proinflammatory, proatherogenic genes is reduced by the Mediterranean diet in elderly people. *British Journal of Nutrition*, **2012**, 108, 500-8	3.6	96
12	Effects of rs7903146 variation in the Tcf7l2 gene in the lipid metabolism of three different populations. *PLoS ONE*, **2012**, 7, e43390	3.7	22
11	Consumption of diets with different type of fat influences triacylglycerols-rich lipoproteins particle number and size during the postprandial state. *Nutrition, Metabolism and Cardiovascular Diseases*, **2011**, 21, 39-45	4.5	45
10	Postprandial effects of the Mediterranean diet on oxidant and antioxidant status in elderly men and women. *Journal of the American Geriatrics Society*, **2011**, 59, 938-40	5.6	16

9	Postprandial antioxidant effect of the Mediterranean diet supplemented with coenzyme Q10 in elderly men and women. *Age*, **2011**, 33, 579-90		43
8	The insulin sensitivity response is determined by the interaction between the G972R polymorphism of the insulin receptor substrate 1 gene and dietary fat. *Molecular Nutrition and Food Research*, **2011**, 55, 328-35	5.9	16
7	Interleukin 1B variant -1473G/C (rs1143623) influences triglyceride and interleukin 6 metabolism. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E816-20	5.6	24
6	Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. *American Journal of Clinical Nutrition*, **2011**, 93, 267-74	7	111
5	APOA1 and APOA4 gene polymorphisms influence the effects of dietary fat on LDL particle size and oxidation in healthy young adults. *Journal of Nutrition*, **2010**, 140, 773-8	4.1	19
4	Postprandial oxidative stress is modified by dietary fat: evidence from a human intervention study. *Clinical Science*, **2010**, 119, 251-61	6.5	53
3	cpFBPaseII, a novel redox-independent chloroplastic isoform of fructose-1,6-bisphosphatase. *Plant, Cell and Environment*, **2009**, 32, 811-27	8.4	20
2	Efecto de la cantidad y el tipo de grasa de la dieta en la respuesta posprandial de la concentraci de prote a C reactiva en el s drome metab co. *C nica E Investigaci n En Arteriosclerosis*, **2009**, 21, 281-286	1.4	1
1	Cardiovascular Benefits of Olive Oil: Beyond Effects of Fat Content353-366		