

Mara D Mesa

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.

61
papers

2,005
citations

22
h-index

44
g-index

71
ext. papers

2,360
ext. citations

4.9
avg, IF

4.7
L-index

#	Paper	IF	Citations
61	Docosahexaenoic and Eicosapentaenoic Intervention Modifies Plasma and Erythrocyte Omega-3 Fatty Acid Profiles But Not the Clinical Course of Children With Autism Spectrum Disorder: A Randomized Control Trial.. <i>Frontiers in Nutrition</i> , 2022 , 9, 790250	6.2	0
60	Environmental Exposure during Pregnancy: Influence on Prenatal Development and Early Life: A Comprehensive Review. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 245-257	2.4	14
59	Nutritional Importance of Selected Fresh Fishes, Shrimps and Mollusks to Meet Compliance with Nutritional Guidelines of n-3 LC-PUFA Intake in Spain. <i>Nutrients</i> , 2021 , 13,	6.7	3
58	Relationship between Physical Activity, Oxidative Stress, and Total Plasma Antioxidant Capacity in Spanish Children from the GENOBOX Study. <i>Antioxidants</i> , 2021 , 10,	7.1	2
57	May bioactive compounds from the olive fruit improve the postprandial insulin response in healthy adults?. <i>Journal of Functional Foods</i> , 2021 , 83, 104561	5.1	1
56	Impaired Antioxidant Defence Status Is Associated With Metabolic-Inflammatory Risk Factors in Preterm Children With Extrauterine Growth Restriction: The BIORICA Cohort Study.. <i>Frontiers in Nutrition</i> , 2021 , 8, 793862	6.2	
55	Pharmacokinetics of maslinic and oleanolic acids from olive oil - Effects on endothelial function in healthy adults. A randomized, controlled, dose-response study. <i>Food Chemistry</i> , 2020 , 322, 126676	8.5	22
54	The Evolving Microbiome from Pregnancy to Early Infancy: A Comprehensive Review. <i>Nutrients</i> , 2020 , 12,	6.7	46
53	Antioxidants and Oxidative Stress in Children: Influence of Puberty and Metabolically Unhealthy Status. <i>Antioxidants</i> , 2020 , 9,	7.1	9
52	A Multi-Omics Approach Reveals New Signatures in Obese Allergic Asthmatic Children. <i>Biomedicines</i> , 2020 , 8,	4.8	4
51	Acute/Subacute and Sub-Chronic Oral Toxicity of a Hidroxytyrosol-Rich Virgin Olive Oil Extract. <i>Nutrients</i> , 2019 , 11,	6.7	10
50	Effects of Virgin Olive Oils Differing in Their Bioactive Compound Contents on Biomarkers of Oxidative Stress and Inflammation in Healthy Adults: A Randomized Double-Blind Controlled Trial. <i>Nutrients</i> , 2019 , 11,	6.7	32
49	Cardioprotective Effect of a Virgin Olive Oil Enriched with Bioactive Compounds in Spontaneously Hypertensive Rats. <i>Nutrients</i> , 2019 , 11,	6.7	16
48	Vitamin D: Classic and Novel Actions. <i>Annals of Nutrition and Metabolism</i> , 2018 , 72, 87-95	4.5	179
47	Effects of Virgin Olive Oils Differing in Their Bioactive Compound Contents on Metabolic Syndrome and Endothelial Functional Risk Biomarkers in Healthy Adults: A Randomized Double-Blind Controlled Trial. <i>Nutrients</i> , 2018 , 10,	6.7	29
46	Modification of appetite by bread consumption: A systematic review of randomized controlled trials. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 3035-3050	11.5	9
45	Fatty acid status and antioxidant defense system in mothers and their newborns after salmon intake during late pregnancy. <i>Nutrition</i> , 2017 , 33, 157-162	4.8	7

44	Liquid chromatography tandem mass spectrometric determination of triterpenes in human fluids: Evaluation of markers of dietary intake of olive oil and metabolic disposition of oleanolic acid and maslinic acid in humans. <i>Analytica Chimica Acta</i> , 2017 , 990, 84-95	6.6	11
43	A serum metabolomics-driven approach predicts orange juice consumption and its impact on oxidative stress and inflammation in subjects from the BIONAOS study. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600120	5.9	25
42	A new fructose-free, resistant-starch type IV-enriched enteral formula improves glycaemic control and cardiovascular risk biomarkers when administered for six weeks to elderly diabetic patients. <i>Nutricion Hospitalaria</i> , 2017 , 34, 73-80	1	6
41	Insights on the health benefits of the bioactive compounds of coffee silverskin extract. <i>Journal of Functional Foods</i> , 2016 , 25, 197-207	5.1	33
40	Coffee silverskin extract improves glucose-stimulated insulin secretion and protects against streptozotocin-induced damage in pancreatic INS-1E beta cells. <i>Food Research International</i> , 2016 , 89, 1015-1022	7	24
39	Strong Associations Exist among Oxidative Stress and Antioxidant Biomarkers in the Circulating, Cellular and Urinary Anatomical Compartments in Guatemalan Children from the Western Highlands. <i>PLoS ONE</i> , 2016 , 11, e0146921	3.7	7
38	Interaction of <i>Giardia intestinalis</i> and Systemic Oxidation in Preschool Children in the Western Highlands of Guatemala. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016 , 63, 118-22	2.8	4
37	The NUTRAOLEOUM Study, a randomized controlled trial, for achieving nutritional added value for olive oils. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 404	4.7	7
36	Normal or High Polyphenol Concentration in Orange Juice Affects Antioxidant Activity, Blood Pressure, and Body Weight in Obese or Overweight Adults. <i>Journal of Nutrition</i> , 2015 , 145, 1808-16	4.1	83
35	New knowledge on the antiglycoxidative mechanism of chlorogenic acid. <i>Food and Function</i> , 2015 , 6, 2081-90	6.1	24
34	An enriched, cereal-based bread affects appetite ratings and glycemic, insulinemic, and gastrointestinal hormone responses in healthy adults in a randomized, controlled trial. <i>Journal of Nutrition</i> , 2015 , 145, 231-8	4.1	14
33	Changes in Antioxidant Defense System Using Different Lipid Emulsions in Parenteral Nutrition in Children after Hematopoietic Stem Cell Transplantation. <i>Nutrients</i> , 2015 , 7, 7242-55	6.7	11
32	Glycemic responses, appetite ratings and gastrointestinal hormone responses of most common breads consumed in Spain. A randomized control trial in healthy humans. <i>Nutrients</i> , 2015 , 7, 4033-53	6.7	17
31	Mutual Interactions among Anti-oxidative Nutrients, Antioxidant Enzymes and Urinary Biomarkers of Oxidative Stress in Guatemalan Preschoolers in the Western Highlands. <i>FASEB Journal</i> , 2015 , 29, 760.4-9		
30	Changes in Oxidative Stress and Inflammatory Biomarkers in Fragile Adults over Fifty Years of Age and in Elderly People Exclusively Fed Enteral Nutrition. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 5709312	6.7	1
29	Alterations in the antioxidant defense system in prepubertal children with a history of extrauterine growth restriction. <i>European Journal of Nutrition</i> , 2014 , 53, 607-15	5.2	3
28	Association of genetic polymorphisms for glutathione peroxidase genes with obesity in Spanish children. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2014 , 7, 130-42		19
27	Are catalase -844A/G polymorphism and activity associated with childhood obesity?. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 1970-5	8.4	20

26	Postprandial glucose, insulin and gastrointestinal hormones in healthy and diabetic subjects fed a fructose-free and resistant starch type IV-enriched enteral formula. <i>European Journal of Nutrition</i> , 2013 , 52, 1569-78	5.2	19
25	Effects of parenteral nutrition formulas on plasma lipid profile in children with bone marrow transplantation. <i>Annals of Nutrition and Metabolism</i> , 2013 , 63, 103-10	4.5	2
24	Omega-3 long-chain polyunsaturated fatty acids supplementation on inflammatory biomarkers: a systematic review of randomised clinical trials. <i>British Journal of Nutrition</i> , 2012 , 107 Suppl 2, S159-70	3.6	175
23	Plasma inflammatory and vascular homeostasis biomarkers increase during human pregnancy but are not affected by oily fish intake. <i>Journal of Nutrition</i> , 2012 , 142, 1191-6	4.1	14
22	Does consumption of two portions of salmon per week enhance the antioxidant defense system in pregnant women?. <i>Antioxidants and Redox Signaling</i> , 2012 , 16, 1401-6	8.4	16
21	Comparison between self-reported nutrient intake from 24-h recall and Food Frequency Questionnaire (FFQ), at baseline, among Spanish overweight and obese participants in a metabolic trial. <i>FASEB Journal</i> , 2012 , 26, 813.6	0.9	
20	The Salmon in Pregnancy Study: study design, subject characteristics, maternal fish and marine n-3 fatty acid intake, and marine n-3 fatty acid status in maternal and umbilical cord blood. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 1986S-1992S	7	60
19	Does increased intake of salmon increase markers of oxidative stress in pregnant women? The salmon in pregnancy study. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 2819-23	8.4	12
18	Experimental Models of Oxidative Stress Related to Cardiovascular Diseases and Diabetes 2011 , 39-60		
17	Antioxidant and antiatherogenic activities of pentacyclic triterpenic diols and acids. <i>Food and Chemical Toxicology</i> , 2010 , 48, 2885-90	4.7	74
16	A specific protein-enriched enteral formula decreases cortisolemia and improves plasma albumin and amino acid concentrations in elderly patients. <i>Nutrition and Metabolism</i> , 2010 , 7, 58	4.6	5
15	Influence of an eicosapentaenoic and docosahexaenoic acid-enriched enteral nutrition formula on plasma fatty acid composition and biomarkers of insulin resistance in the elderly. <i>Clinical Nutrition</i> , 2010 , 29, 31-7	5.9	20
14	Curcumin ameliorates rabbits' steatohepatitis via respiratory chain, oxidative stress, and TNF-alpha. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 924-31	7.8	58
13	Antioxidant properties of soy protein-fructooligosaccharide glycation systems and its hydrolyzates. <i>Food Research International</i> , 2008 , 41, 606-615	7	34
12	Contribution of polyunsaturated fatty acids to intestinal repair in protein-energy malnutrition. <i>Digestive Diseases and Sciences</i> , 2007 , 52, 1485-96	4	4
11	Effects of oils rich in eicosapentaenoic and docosahexaenoic acids on immune cell composition and function in healthy humans. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 674-81	7	195
10	Sunflower oil does not protect against LDL oxidation as virgin olive oil does in patients with peripheral vascular disease. <i>Clinical Nutrition</i> , 2004 , 23, 673-81	5.9	63
9	Effects of oils rich in eicosapentaenoic and docosahexaenoic acids on the oxidizability and thrombogenicity of low-density lipoprotein. <i>Atherosclerosis</i> , 2004 , 175, 333-43	3.1	32

8	Oral administration of a turmeric extract inhibits erythrocyte and liver microsome membrane oxidation in rabbits fed with an atherogenic diet. <i>Nutrition</i> , 2003 , 19, 800-4	4.8	15
7	Virgin olive and fish oils enhance the hepatic antioxidant defence system in atherosclerotic rabbits. <i>Clinical Nutrition</i> , 2003 , 22, 379-84	5.9	25
6	Degree of oxidation of low density lipoprotein affects expression of CD36 and PPARgamma, but not cytokine production, by human monocyte-macrophages. <i>Atherosclerosis</i> , 2003 , 168, 271-82	3.1	22
5	Curcuma longa extract supplementation reduces oxidative stress and attenuates aortic fatty streak development in rabbits. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1225-31	9.4	137
4	Sunflower, virgin-olive and fish oils differentially affect the progression of aortic lesions in rabbits with experimental atherosclerosis. <i>Atherosclerosis</i> , 2002 , 162, 335-44	3.1	65
3	Chronic diarrhea impairs intestinal antioxidant defense system in rats at weaning. <i>Digestive Diseases and Sciences</i> , 2000 , 45, 2044-50	4	17
2	Oral administration of a turmeric extract inhibits LDL oxidation and has hypocholesterolemic effects in rabbits with experimental atherosclerosis. <i>Atherosclerosis</i> , 1999 , 147, 371-8	3.1	205
1	An ethanolic-aqueous extract of Curcuma longa decreases the susceptibility of liver microsomes and mitochondria to lipid peroxidation in atherosclerotic rabbits. <i>BioFactors</i> , 1998 , 8, 51-7	6.1	37