

Maria Carmen LÃ³pez-Sabater

List of Publications by Year in descending order

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55
papers

2,801
citations

186265

28
h-index

175258

52
g-index

55
all docs

55
docs citations

55
times ranked

4579
citing authors

#	ARTICLE	IF	CITATIONS
1	Infant Formula Supplemented With Milk Fat Globule Membrane, Long-Chain Polyunsaturated Fatty Acids, and Synbiotics Is Associated With Neurocognitive Function and Brain Structure of Healthy Children Aged 6 Years: The COGNIS Study. <i>Frontiers in Nutrition</i> , 2022, 9, 820224.	3.7	11
2	Extra virgin olive oil: A comprehensive review of efforts to ensure its authenticity, traceability, and safety. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 2639-2664.	11.7	23
3	Changes in plasma total saturated fatty acids and palmitic acid are related to pro-inflammatory molecule IL-6 concentrations after nutritional intervention for one year. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113028.	5.6	6
4	A Randomized Study of Nutritional Supplementation in Patients with Unilateral Wet Age-Related Macular Degeneration. <i>Nutrients</i> , 2021, 13, 1253.	4.1	20
5	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, 2100363.	3.3	3
6	The Effect of Maternal Obesity on Breast Milk Fatty Acids and Its Association with Infant Growth and Cognition—The PREOBE Follow-Up. <i>Nutrients</i> , 2019, 11, 2154.	4.1	47
7	The Effect of an Infant Formula Supplemented with AA and DHA on Fatty Acid Levels of Infants with Different FADS Genotypes: The COGNIS Study. <i>Nutrients</i> , 2019, 11, 602.	4.1	25
8	Prenatal Omega-6:Omega-3 Ratio and Attention Deficit and Hyperactivity Disorder Symptoms. <i>Journal of Pediatrics</i> , 2019, 209, 204-211.e4.	1.8	28
9	Changes in plasma fatty acid composition are associated with improvements in obesity and related metabolic disorders: A therapeutic approach to overweight adolescents. <i>Clinical Nutrition</i> , 2018, 37, 149-156.	5.0	25
10	Relation between plasma antioxidant vitamin levels, adiposity and cardio-metabolic profile in adolescents: Effects of a multidisciplinary obesity programme. <i>Clinical Nutrition</i> , 2017, 36, 209-217.	5.0	19
11	Mediterranean Diet Improves High-Density Lipoprotein Function in High-Cardiovascular-Risk Individuals. <i>Circulation</i> , 2017, 135, 633-643.	1.6	171
12	Association of maternal weight with FADS and ELOVL genetic variants and fatty acid levels- The PREOBE follow-up. <i>PLoS ONE</i> , 2017, 12, e0179135.	2.5	30
13	Intake of Total Polyphenols and Some Classes of Polyphenols Is Inversely Associated with Diabetes in Elderly People at High Cardiovascular Disease Risk. <i>Journal of Nutrition</i> , 2016, 146, 767-777.	2.9	108
14	Nutritional adequacy according to carbohydrates and fat quality. <i>European Journal of Nutrition</i> , 2016, 55, 93-106.	3.9	49
15	Maternal, fetal and perinatal alterations associated with obesity, overweight and gestational diabetes: an observational cohort study (PREOBE). <i>BMC Public Health</i> , 2016, 16, 207.	2.9	78
16	Maternal PPARC Pro12Ala polymorphism is associated with infant's neurodevelopmental outcomes at 18 months of age. <i>Early Human Development</i> , 2015, 91, 457-462.	1.8	11
17	Content and evolution of potential furfural compounds in commercial milk-based infant formula powder after opening the packet. <i>Food Chemistry</i> , 2015, 166, 486-491.	8.2	39
18	Evaluation of less invasive methods to assess fatty acids from phospholipid fraction: cheek cell and capillary blood sampling. <i>International Journal of Food Sciences and Nutrition</i> , 2015, 66, 936-942.	2.8	4

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19	Elaidic, vaccenic, and rumenic acid status during pregnancy: association with maternal plasmatic LC-PUFAs and atopic manifestations in infants. <i>Pediatric Research</i> , 2014, 76, 470-476.	2.3	16
20	Plasma fatty acid composition, estimated desaturase activities, and their relation with the metabolic syndrome in a population at high risk of cardiovascular disease. <i>Clinical Nutrition</i> , 2014, 33, 90-97.	5.0	123
21	Vitamins, fatty acids, and antioxidant capacity stability during storage of freeze-dried human milk. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 703-707.	2.8	25
22	Effects of 1-Year Intervention with a Mediterranean Diet on Plasma Fatty Acid Composition and Metabolic Syndrome in a Population at High Cardiovascular Risk. <i>PLoS ONE</i> , 2014, 9, e85202.	2.5	59
23	Elaidic acid, vaccenic acid and rumenic acid (c9,t11-CLA) determination in human plasma phospholipids and human milk by fast gas chromatography. <i>Analytical Methods</i> , 2013, 5, 1264.	2.7	10
24	Gene Expression of Desaturase (FADS1 and FADS2) and Elongase (ELOVL5) Enzymes in Peripheral Blood: Association with Polyunsaturated Fatty Acid Levels and Atopic Eczema in 4-Year-Old Children. <i>PLoS ONE</i> , 2013, 8, e78245.	2.5	20
25	Differences in fat content and fatty acid proportions among colostrum, transitional, and mature milk from women delivering very preterm, preterm, and term infants. <i>Clinical Nutrition</i> , 2011, 30, 116-123.	5.0	96
26	The effect of olive oil polyphenols on antibodies against oxidized LDL. A randomized clinical trial. <i>Clinical Nutrition</i> , 2011, 30, 490-493.	5.0	71
27	Effects of pasteurisation and high-pressure processing on vitamin C, tocopherols and fatty acids in mature human milk. <i>Food Chemistry</i> , 2011, 124, 697-702.	8.2	113
28	Breastfeeding, Long-Chain Polyunsaturated Fatty Acids in Colostrum, and Infant Mental Development. <i>Pediatrics</i> , 2011, 128, e880-e889.	2.1	83
29	Diet and plasma evaluation of the main isomers of conjugated linoleic acid and trans-fatty acids in a population sample from Mediterranean north-east Spain. <i>Food Chemistry</i> , 2010, 123, 296-305.	8.2	17
30	Long-chain n-3 fatty acids and classical cardiovascular disease risk factors among the Catalan population. <i>Food Chemistry</i> , 2010, 119, 54-61.	8.2	14
31	Elevated Circulating LDL Phenol Levels in Men Who Consumed Virgin Rather Than Refined Olive Oil Are Associated with Less Oxidation of Plasma LDL. <i>Journal of Nutrition</i> , 2010, 140, 501-508.	2.9	103
32	Diet quality of a population sample from coastal north-east Spain evaluated by a Mediterranean adaptation of the Diet Quality Index (DQI). <i>Public Health Nutrition</i> , 2010, 13, 12-24.	2.2	17
33	Ultra-High-Pressure Liquid Chromatographic method for the analysis of tocopherols in human colostrum and milk. <i>Journal of Chromatography A</i> , 2009, 1216, 4388-4394.	3.7	27
34	Stability during storage of LC-PUFA-supplemented infant formula containing single cell oil or egg yolk. <i>Food Chemistry</i> , 2009, 113, 484-492.	8.2	20
35	Vitamins A and E content in infant milk-based powdered formulae after opening the packet. <i>Food Chemistry</i> , 2008, 106, 299-309.	8.2	25
36	Analysis of vitamins A, E and C, iron and selenium contents in infant milk-based powdered formula during full shelf-life. <i>Food Chemistry</i> , 2008, 107, 1187-1197.	8.2	33

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37	Evolution of available lysine and lactose contents in supplemented microencapsulated fish oil infant formula powder during storage. <i>International Journal of Food Science and Technology</i> , 2008, 43, 1121-1128.	2.7	13
38	The intramolecular position of docosahexaenoic acid in the triacylglycerol sources used for pediatric nutrition has a minimal effect on its metabolic use. <i>Nutrition Research</i> , 2008, 28, 131-136.	2.9	6
39	Volatile compounds and fatty acid profiles in commercial milk-based infant formulae by static headspace gas chromatography: Evolution after opening the packet. <i>Food Chemistry</i> , 2008, 107, 558-569.	8.2	27
40	Moderate Consumption of Olive Oil by Healthy European Men Reduces Systolic Blood Pressure in Non-Mediterranean Participants. <i>Journal of Nutrition</i> , 2007, 137, 84-87.	2.9	54
41	Identification of foods contributing to the dietary lipid profile of a Mediterranean population. <i>British Journal of Nutrition</i> , 2007, 98, 583-592.	2.3	10
42	Changes in the phenolic content of low density lipoprotein after olive oil consumption in men. A randomized crossover controlled trial. <i>British Journal of Nutrition</i> , 2007, 98, 1243-1250.	2.3	67
43	Presence of virgin olive oil phenolic metabolites in human low density lipoprotein fraction: Determination by high-performance liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 583, 402-410.	5.4	65
44	Conjugated linoleic acid determination in human milk by fast-gas chromatography. <i>Analytica Chimica Acta</i> , 2007, 602, 122-130.	5.4	41
45	Evolution of potential and free furfural compounds in milk-based infant formula during storage. <i>Food Research International</i> , 2006, 39, 536-543.	6.2	37
46	Simultaneous analysis of Vitamins A and E in infant milk-based formulae by normal-phase high-performance liquid chromatography-diode array detection using a short narrow-bore column. <i>Journal of Chromatography A</i> , 2006, 1122, 138-143.	3.7	60
47	Rapid high-performance liquid chromatography-electrospray ionization tandem mass spectrometry method for qualitative and quantitative analysis of virgin olive oil phenolic metabolites in human low-density lipoproteins. <i>Journal of Chromatography A</i> , 2006, 1116, 69-75.	3.7	35
48	Evolution of free mono- and di-saccharide content of milk-based formula powder during storage. <i>Food Chemistry</i> , 2006, 97, 103-108.	8.2	13
49	Rapid high-performance liquid chromatographic method for Vitamin C determination in human milk versus an enzymatic method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 830, 41-46.	2.3	85
50	Analysis of potential and free furfural compounds in milk-based formulae by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2005, 1076, 133-140.	3.7	67
51	Characterization and Quantification of Phenolic Compounds in Olive Oils by Solid-Phase Extraction, HPLC-DAD, and HPLC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 4331-4340.	5.2	160
52	The Source of Long-Chain PUFA in Formula Supplements Does Not Affect the Fatty Acid Composition of Plasma Lipids in Full-Term Infants. <i>Journal of Nutrition</i> , 2004, 134, 868-873.	2.9	48
53	Effects of differing phenolic content in dietary olive oils on lipids and LDL oxidation. <i>European Journal of Nutrition</i> , 2004, 43, 140-147.	3.9	219
54	Comparison of conventional and fast gas chromatography in human plasma fatty acid determination. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 809, 339-344.	2.3	79

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55	Analysis of mono- and disaccharides in milk-based formulae by high-performance liquid chromatography with refractive index detection. Journal of Chromatography A, 2004, 1043, 211-215.	3.7	146