

Natalia FerrÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

4,014
citations

94381

37
h-index

128225

60
g-index

101
all docs

101
docs citations

101
times ranked

6211
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity-induced insulin resistance and hepatic steatosis are alleviated by ω -3 fatty acids: a role for resolvins and protectins. <i>FASEB Journal</i> , 2009, 23, 1946-1957.	0.2	511
2	Docosahexaenoic acid (DHA) blunts liver injury by conversion to protective lipid mediators: protectin D1 and 17S-hydroxy-DHA. <i>FASEB Journal</i> , 2006, 20, 2537-2539.	0.2	194
3	Regulation of Serum Paraoxonase Activity by Genetic, Nutritional, and Lifestyle Factors in the General Population. <i>Clinical Chemistry</i> , 2003, 49, 1491-1497.	1.5	143
4	5-Lipoxygenase Activating Protein Signals Adipose Tissue Inflammation and Lipid Dysfunction in Experimental Obesity. <i>Journal of Immunology</i> , 2010, 184, 3978-3987.	0.4	139
5	Effect of protein intake and weight gain velocity on body fat mass at 6 months of age: The EU Childhood Obesity Programme. <i>International Journal of Obesity</i> , 2012, 36, 548-553.	1.6	95
6	5-lipoxygenase deficiency reduces hepatic inflammation and tumor necrosis factor α -induced hepatocyte damage in hyperlipidemia-prone ApoE-null mice. <i>Hepatology</i> , 2010, 51, 817-827.	3.6	86
7	Unhealthy Dietary Patterns Established in Infancy Track to Mid-Childhood: The EU Childhood Obesity Project. <i>Journal of Nutrition</i> , 2018, 148, 752-759.	1.3	86
8	Paraoxonase-1 is related to inflammation, fibrosis and PPAR delta in experimental liver disease. <i>BMC Gastroenterology</i> , 2009, 9, 3.	0.8	83
9	Safety and efficacy of inulin and oligofructose supplementation in infant formula: Results from a randomized clinical trial. <i>Clinical Nutrition</i> , 2013, 32, 918-927.	2.3	83
10	Paraoxonase-1 is associated with oxidative stress, fibrosis and FAS expression in chronic liver diseases. <i>Journal of Hepatology</i> , 2006, 45, 51-59.	1.8	82
11	Maternal Smoking during Pregnancy and DNA-Methylation in Children at Age 5.5 Years: Epigenome-Wide-Analysis in the European Childhood Obesity Project (CHOP)-Study. <i>PLoS ONE</i> , 2016, 11, e0155554.	1.1	82
12	Time-Course Of Changes In Hepatic Lipid Peroxidation And Glutathione Metabolism In Rats With Carbon Tetrachloride-Induced Cirrhosis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 694-699.	0.9	79
13	Dietary Protein Intake Affects Amino Acid and Acylcarnitine Metabolism in Infants Aged 6 Months. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 149-158.	1.8	75
14	Feeding apolipoprotein E-knockout mice with cholesterol and fat enriched diets may be a model of non-alcoholic steatohepatitis. <i>Molecular and Cellular Biochemistry</i> , 2005, 268, 53-58.	1.4	72
15	Hepatic paraoxonase activity alterations and free radical production in rats with experimental cirrhosis. <i>Metabolism: Clinical and Experimental</i> , 2001, 50, 997-1000.	1.5	66
16	Increased susceptibility to exacerbated liver injury in hypercholesterolemic ApoE-deficient mice: potential involvement of oxysterols. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G553-G562.	1.6	66
17	Diet and lifestyle are associated with serum C-reactive protein concentrations in a population-based study. <i>Translational Research</i> , 2005, 145, 41-46.	2.4	63
18	Serum paraoxonase-1 activity and concentration are influenced by human immunodeficiency virus infection. <i>Atherosclerosis</i> , 2007, 194, 175-181.	0.4	62

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19	Disruption of the 12/15-lipoxygenase gene (Alox15) protects hyperlipidemic mice from nonalcoholic fatty liver disease. <i>Hepatology</i> , 2010, 52, 1980-1991.	3.6	59
20	Increased protein intake augments kidney volume and function in healthy infants. <i>Kidney International</i> , 2011, 79, 783-790.	2.6	59
21	DNA-Methylation and Body Composition in Preschool Children: Epigenome-Wide-Analysis in the European Childhood Obesity Project (CHOP)-Study. <i>Scientific Reports</i> , 2017, 7, 14349.	1.6	59
22	Inhibition of hepatic cell nuclear DNA fragmentation by zinc in carbon tetrachloride-treated rats. <i>Journal of Hepatology</i> , 1999, 31, 228-234.	1.8	55
23	The results in rodent models of atherosclerosis are not interchangeable. <i>Atherosclerosis</i> , 2007, 195, e85-e92.	0.4	55
24	Serum paraoxonase-1 in chronic alcoholics: Relationship with liver disease. <i>Clinical Biochemistry</i> , 2007, 40, 645-650.	0.8	55
25	Serum paraoxonase activity: a new additional test for the improved evaluation of chronic liver damage. <i>Clinical Chemistry</i> , 2002, 48, 261-8.	1.5	55
26	The continuous administration of aspirin attenuates atherosclerosis in apolipoprotein E-deficient mice. <i>Life Sciences</i> , 2000, 68, 457-465.	2.0	54
27	Early Programming by Protein Intake: The Effect of Protein on Adiposity Development and the Growth and Functionality of Vital Organs. <i>Nutrition and Metabolic Insights</i> , 2015, 8s1, NMI.S29525.	0.8	54
28	Dietary cholesterol and differential monocyte chemoattractant protein-1 gene expression in aorta and liver of apo E-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 1078-1084.	1.0	53
29	Comparative Protection against Liver Inflammation and Fibrosis by a Selective Cyclooxygenase-2 Inhibitor and a Nonredox-Type 5-Lipoxygenase Inhibitor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 323, 778-786.	1.3	52
30	Physical Activity and Sedentary Behavior From 6 to 11 Years. <i>Pediatrics</i> , 2019, 143, .	1.0	50
31	Paraoxonase Gln-Arg(192) and Leu-Met(55) gene polymorphisms and enzyme activity in a population with a low rate of coronary heart disease. <i>Clinical Biochemistry</i> , 2002, 35, 197-203.	0.8	46
32	Impaired paraoxonase-1 status in obese children. Relationships with insulin resistance and metabolic syndrome. <i>Clinical Biochemistry</i> , 2013, 46, 1830-1836.	0.8	46
33	Regulatory effects of arachidonate 5-lipoxygenase on hepatic microsomal TG transfer protein activity and VLDL-triglyceride and apoB secretion in obese mice. <i>Journal of Lipid Research</i> , 2008, 49, 2513-2523.	2.0	45
34	The use of inulin-type fructans improves stool consistency in constipated children. A randomised clinical trial: pilot study. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 587-594.	1.3	45
35	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. <i>Genome Medicine</i> , 2020, 12, 105.	3.6	41
36	Effects of rosiglitazone and metformin on postprandial paraoxonase-1 and monocyte chemoattractant protein-1 in human immunodeficiency virus-infected patients with lipodystrophy. <i>European Journal of Pharmacology</i> , 2006, 544, 104-110.	1.7	40

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37	Bifidobacterium longum subsp infantis CECT7210-supplemented formula reduces diarrhea in healthy infants: a randomized controlled trial. <i>Pediatric Research</i> , 2018, 83, 1120-1128.	1.1	38
38	Sex differences in the endocrine system in response to protein intake early in life. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1920-S1927.	2.2	37
39	The influence of HIV infection on the correlation between plasma concentrations of monocyte chemoattractant protein-1 and carotid atherosclerosis. <i>Clinica Chimica Acta</i> , 2006, 368, 114-119.	0.5	36
40	Genetic association of paraoxonase-1 polymorphisms and chronic hepatitis C virus infection. <i>Clinica Chimica Acta</i> , 2005, 361, 206-210.	0.5	35
41	Rapid Growth and Childhood Obesity Are Strongly Associated with LysoPC(14:0). <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 294-303.	1.0	33
42	Effects of high-fat, low-cholesterol diets on hepatic lipid peroxidation and antioxidants in apolipoprotein E-deficient mice. <i>Molecular and Cellular Biochemistry</i> , 2001, 218, 165-169.	1.4	32
43	Being overweight or obese is associated with inhibition control in children from six to ten years of age. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 619-625.	0.7	32
44	The role of circulating monocyte chemoattractant protein-1 as a marker of hepatic inflammation in patients with chronic liver disease. <i>Clinical Biochemistry</i> , 2005, 38, 1138-1140.	0.8	30
45	New Insights into the Regulation of Liver Inflammation and Oxidative Stress. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 1321-1330.	1.1	30
46	ADMINISTRATION OF EXOGENOUS ERYTHROPOIETIN Î² AFFECTS LIPID PEROXIDATION AND SERUM PARAOXONASEâ€1 ACTIVITY AND CONCENTRATION IN PREDIALYSIS PATIENTS WITH CHRONIC RENAL DISEASE AND ANAEMIA. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 347-349.	0.9	25
47	Bioimpedance in 7-Year-Old Children: Validation by Dual X-Ray Absorptiometry - Part 1: Assessment of Whole Body Composition. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 113-121.	1.0	25
48	Dietary interventions for preventing complications in idiopathic hypercalciuria. <i>The Cochrane Library</i> , 2014, 2014, CD006022.	1.5	25
49	Validation of the Child Feeding Questionnaire in Spanish Parents of Schoolchildren. <i>Journal of Nutrition Education and Behavior</i> , 2016, 48, 383-391.e1.	0.3	25
50	Aspirin Attenuates the Initiation but Not the Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice Fed a High-Fat, High-Cholesterol Diet. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004, 95, 15-19.	1.2	23
51	Supplementation with Vitamin E and/or Zinc does not Attenuate Atherosclerosis in Apolipoprotein E-deficient Mice fed a High-Fat, High-Cholesterol Diet. <i>International Journal for Vitamin and Nutrition Research</i> , 2001, 71, 45-52.	0.6	23
52	Gut microbiota is associated with metabolic health in children with obesity. <i>Clinical Nutrition</i> , 2022, 41, 1680-1688.	2.3	23
53	Turpentine-induced inflammation reduces the hepatic expression of the multiple drug resistance gene, the plasma cholesterol concentration and the development of atherosclerosis in apolipoprotein E deficient mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005, 1733, 192-198.	1.2	22
54	Protection from hepatic lipid accumulation and inflammation by genetic ablation of 5-lipoxygenase. <i>Prostaglandins and Other Lipid Mediators</i> , 2010, 92, 54-61.	1.0	22

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55	Fish consumption in mid-childhood and its relationship to neuropsychological outcomes measured in 7-9 year old children using a NUTRIMENTHE neuropsychological battery. <i>Clinical Nutrition</i> , 2016, 35, 1301-1307.	2.3	22
56	Association of early protein intake and pre-peritoneal fat at five years of age: Follow-up of a randomized clinical trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 824-832.	1.1	22
57	Micronutrient intake adequacy in children from birth to 8 years. Data from the Childhood Obesity Project. <i>Clinical Nutrition</i> , 2018, 37, 630-637.	2.3	22
58	Fibre Intake Is Associated with Cardiovascular Health in European Children. <i>Nutrients</i> , 2021, 13, 12.	1.7	22
59	Evaluation of a particle-enhanced turbidimetric immunoassay for the measurement of ferritin: application to patients participating in an autologous blood transfusion program. <i>Clinical Biochemistry</i> , 2000, 33, 191-196.	0.8	21
60	Impaired vitamin E status in patients with parenchymal liver cirrhosis: Relationships with lipoprotein compositional alterations, nutritional factors, and oxidative susceptibility of plasma. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 609-615.	1.5	18
61	Manipulation of inflammation modulates hyperlipidemia in apolipoprotein E-deficient mice: A possible role for interleukin-6. <i>Cytokine</i> , 2006, 34, 224-232.	1.4	16
62	Associations of age and body mass index with hydration and density of fat-free mass from 4 to 22 years. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 1422-1430.	1.3	16
63	The Antioxidant and Hepato-Protective Effects of Zinc are Related to Hepatic Cytochrome P450 Depression and Metallothionein Induction in Rats with Experimental Cirrhosis. <i>International Journal for Vitamin and Nutrition Research</i> , 2001, 71, 229-236.	0.6	15
64	Circulating blood cells modulate the atherosclerotic process in apolipoprotein E-deficient mice. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 95-100.	1.5	15
65	Longitudinal changes in serum paraoxonase-1 activity throughout normal pregnancy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 880-2.	1.4	15
66	Does insulin-like growth factor-1 mediate protein-induced kidney growth in infants?: A secondary analysis from a randomized controlled trial. <i>Pediatric Research</i> , 2013, 74, 223-229.	1.1	15
67	Bioimpedance in 7-Year-Old Children: Validation by Dual X-Ray Absorptiometry - Part 2: Assessment of Segmental Composition. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 144-155.	1.0	15
68	The MTHFR C677T, APOE, and PON55 gene polymorphisms show relevant interactions with cardiovascular risk factors. <i>Clinical Chemistry</i> , 2002, 48, 372-5.	1.5	15
69	Evaluation of a fully-automated particle-enhanced turbidimetric immunoassay for the measurement of plasma lipoprotein(a). population-based reference values in an area with low incidence of cardiovascular disease. <i>Clinical Biochemistry</i> , 2003, 36, 129-134.	0.8	14
70	Comparison of Paraoxonase 1 Measurements in Serum and in Lithium-Heparin-Anticoagulated Plasma Samples. <i>Clinical Chemistry</i> , 2005, 51, 922-923.	1.5	14
71	Moderately High Folic Acid Supplementation Exacerbates Experimentally Induced Liver Fibrosis in Rats. <i>Experimental Biology and Medicine</i> , 2008, 233, 38-47.	1.1	14
72	Endocrine and Metabolic Biomarkers Predicting Early Childhood Obesity Risk. <i>Nestle Nutrition Institute Workshop Series</i> , 2016, 85, 81-88.	1.5	14

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73	Are there early inflammatory biomarkers that affect neurodevelopment in infancy?. <i>Journal of Neuroimmunology</i> , 2017, 305, 42-50.	1.1	14
74	Usefulness of the waist-to-height ratio for predicting cardiometabolic risk in children and its suggested boundary values. <i>Clinical Nutrition</i> , 2022, 41, 508-516.	2.3	14
75	Subcutaneous fat stores related to weight in full-term neonates. <i>Annals of Human Biology</i> , 2009, 36, 88-97.	0.4	13
76	Mental performance in 8-year-old children fed reduced protein content formula during the 1st year of life: safety analysis of a randomised clinical trial. <i>British Journal of Nutrition</i> , 2019, 122, S22-S30.	1.2	12
77	Association of Protein Intake during the Second Year of Life with Weight Gain-Related Outcomes in Childhood: A Systematic Review. <i>Nutrients</i> , 2021, 13, 583.	1.7	12
78	Hepatic production of apolar aldehydes in rats with carbon tetrachloride-induced cirrhosis. <i>Molecular and Cellular Biochemistry</i> , 1999, 198, 57-60.	1.4	10
79	Evaluation of a high-sensitivity turbidimetric immunoassay for serum C-reactive protein: application to the study of longitudinal changes throughout normal pregnancy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 308-13.	1.4	10
80	Changes in the expression of genes related to apoptosis and fibrosis pathways in CCl4-treated rats. <i>Molecular and Cellular Biochemistry</i> , 2008, 308, 101-109.	1.4	10
81	Adequate calcium intake during long periods improves bone mineral density in healthy children. Data from the Childhood Obesity Project. <i>Clinical Nutrition</i> , 2018, 37, 890-896.	2.3	10
82	Influence of PON1 Polymorphisms on the Association between Serum Paraoxonase 1 and Homocysteinemia in a General Population. <i>Clinical Chemistry</i> , 2006, 52, 781-782.	1.5	9
83	Effects of Early Nutrition on the Infant Metabolome. <i>Nestle Nutrition Institute Workshop Series</i> , 2016, 85, 89-100.	1.5	9
84	Validation of bioelectrical impedance analysis for body composition assessment in children with obesity aged 8-14y. <i>Clinical Nutrition</i> , 2021, 40, 4132-4139.	2.3	9
85	Serum hepcidin levels, iron status, and HFE gene alterations during the first year of life in healthy Spanish infants. <i>Annals of Hematology</i> , 2018, 97, 1071-1080.	0.8	8
86	Reduced Bone Mass in 7-Year-Old Children with Asymptomatic Idiopathic Hypercalciuria. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 304-313.	1.0	7
87	The Obemat2.0 Study: A Clinical Trial of a Motivational Intervention for Childhood Obesity Treatment. <i>Nutrients</i> , 2019, 11, 419.	1.7	7
88	Higher protein intake increases cardiac function parameters in healthy children: metabolic programming by infant nutritionâ€™secondary analysis from a clinical trial. <i>Pediatric Research</i> , 2016, 79, 880-888.	1.1	6
89	Dietary patterns acquired in early life are associated with cardiometabolic markers at school age. <i>Clinical Nutrition</i> , 2021, 40, 4606-4614.	2.3	6
90	Dexamethasone to prevent kidney scarring in acute pyelonephritis: a randomized clinical trial. <i>Pediatric Nephrology</i> , 2022, 37, 2109-2118.	0.9	5

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91	Soluble transferrin receptor and mutations in hemochromatosis and transferrin genes in a general Catalan population. <i>Clinica Chimica Acta</i> , 2005, 353, 205-208.	0.5	4
92	Associations of sugar intake with anthropometrics in children from ages 2 until 8 years in the EU Childhood Obesity Project. <i>European Journal of Nutrition</i> , 2020, 59, 2593-2601.	1.8	4
93	Influence of Feeding Types during the First Months of Life on Calciuria Levels in Healthy Infants: A Secondary Analysis from a Randomized Clinical Trial. <i>Annals of Nutrition and Metabolism</i> , 2017, 70, 132-139.	1.0	3
94	Influence of total sugar intake on metabolic blood markers at 8 years of age in the Childhood Obesity Project. <i>European Journal of Nutrition</i> , 2021, 60, 435-442.	1.8	3
95	A novel approach to assess body composition in children with obesity from density of the fat-free mass. <i>Clinical Nutrition</i> , 2021, 40, 1102-1107.	2.3	2
96	Type D personality, lifestyle habits, and cardiovascular disease risk: A mediational model. <i>Revista De Psicopatologia Y Psicologia Clinica</i> , 2018, 23, 35.	0.1	1
97	Differences between Genotyping and Phenotyping Methods for Assessing Apolipoprotein(a) Size Polymorphisms. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 1340-4.	1.4	0
98	Pharmacological interventions for preventing complications in patients with idiopathic hypercalciuria: A systematic review. <i>Nefrologia</i> , 2021, , .	0.2	0