Elvira LarquÃ©

List of Publications by Year
in descending order

64	2,919	186265 28	175258 52
papers	citations	h-index	g-index

66	66	66	3725
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biological significance of dietary polyamines. Nutrition, 2007, 23, 87-95.	2.4	239
2	Long-chain polyunsaturated fatty acid (LC-PUFA) transfer across the placenta. Clinical Nutrition, 2008, 27, 685-693.	5.0	145
3	Omega 3 fatty acids, gestation and pregnancy outcomes. British Journal of Nutrition, 2012, 107, S77-S84.	2.3	144
4	Perinatal Supply and Metabolism of Longâ€Chain Polyunsaturated Fatty Acids. Annals of the New York Academy of Sciences, 2002, 967, 299-310.	3.8	131
5	Placental transfer of fatty acids and fetal implications. American Journal of Clinical Nutrition, 2011, 94, S1908-S1913.	4.7	123
6	Docosahexaenoic acid supply in pregnancy affects placental expression of fatty acid transport proteins. American Journal of Clinical Nutrition, 2006, 84, 853-861.	4.7	116
7	From conception to infancy â€" early risk factors for childhood obesity. Nature Reviews Endocrinology, 2019, 15, 456-478.	9.6	115
8	In vivo investigation of the placental transfer of 13C-labeled fatty acids in humans. Journal of Lipid Research, 2003, 44, 49-55.	4.2	108
9	Dietary trans fatty acids in early life: a review. Early Human Development, 2001, 65, S31-S41.	1.8	104
10	Placental regulation of fetal nutrient supply. Current Opinion in Clinical Nutrition and Metabolic Care, 2013, 16, 292-297.	2.5	104
11	The Evolving Microbiome from Pregnancy to Early Infancy: A Comprehensive Review. Nutrients, 2020, 12, 133.	4.1	98
12	Maternal-fetal in vivo transfer of [13C]docosahexaenoic and other fatty acids across the human placenta 12 h after maternal oral intake. American Journal of Clinical Nutrition, 2010, 92, 115-122.	4.7	93
13	Placental transfer of long-chain polyunsaturated fatty acids (LC-PUFA). Journal of Perinatal Medicine, 2007, 35, S5-S11.	1.4	87
14	Placental MFSD2a transporter is related to decreased DHA in cord blood of women with treated gestational diabetes. Clinical Nutrition, 2017, 36, 513-521.	5.0	86
15	Mechanisms involved in the selective transfer of long chain polyunsaturated fatty acids to the fetus. Frontiers in Genetics, 2011, 2, 57.	2.3	81
16	Current understanding of placental fatty acid transport. Current Opinion in Clinical Nutrition and Metabolic Care, 2012, 15, 265-272.	2.5	81
17	Materno-fetal transfer of docosahexaenoic acid is impaired by gestational diabetes mellitus. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E826-E833.	3.5	74
18	Placental Fatty Acid Transfer: A Key Factor in Fetal Growth. Annals of Nutrition and Metabolism, 2014, 64, 247-253.	1.9	71

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19	Maternal and Foetal Health Implications of Vitamin D Status during Pregnancy. Annals of Nutrition and Metabolism, 2018, 72, 179-192.	1.9	69
20	Dietary Trans Fatty Acids Alter the Compositions of Microsomes and Mitochondria and the Activities of Microsome Î”6-Fatty Acid Desaturase and Glucose-6-Phosphatase in Livers of Pregnant Rats. Journal of Nutrition, 2003, 133, 2526-2531.	2.9	59
21	Assessment of Circadian Rhythms of Both Skin Temperature and Motor Activity in Infants During the First 6 Months of Life. Chronobiology International, 2011, 28, 330-337.	2.0	56
22	Dietary Trans Fatty Acids Affect Docosahexaenoic Acid Concentrations in Plasma and Liver but not Brain of Pregnant and Fetal Rats. Pediatric Research, 2000, 47, 278-278.	2.3	49
23	Role of Insulin in Placental Transport of Nutrients in Gestational Diabetes Mellitus. Annals of Nutrition and Metabolism, 2017, 70, 16-25.	1.9	45
24	Expression pattern of fatty acid transport protein-1 (FATP-1), FATP-4 and heart-fatty acid binding protein (H-FABP) genes in human term placenta. Early Human Development, 2006, 82, 697-701.	1.8	42
25	Relationship among Adiponectin, Adiponectin Gene Expression and Fatty Acids Composition in Morbidly Obese Patients. Obesity Surgery, 2007, 17, 516-524.	2.1	42
26	Effects of dietary polyamines at physiologic doses in early-weaned piglets. Nutrition, 2009, 25, 940-946.	2.4	38
27	Metabolic Syndrome Affects Fatty Acid Composition of Plasma Lipids in Obese Prepubertal Children. Lipids, 2008, 43, 723-732.	1.7	32
28	A gene variant in the transcription factor 7-like 2 (TCF7L2) is associated with an increased risk of gestational diabetes mellitus. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2014, 180, 77-82.	1.1	32
29	Protective effect of white tea extract against acute oxidative injury caused by adriamycin in different tissues. Food Chemistry, 2012, 134, 1780-1785.	8.2	28
30	Age-related changes in fatty acids from different adipose depots in rat and their association with adiposity and insulin. Nutrition, 2008, 24, 1013-1022.	2.4	26
31	Insulin Treatment May Alter Fatty Acid Carriers in Placentas from Gestational Diabetes Subjects. International Journal of Molecular Sciences, 2017, 18, 1203.	4.1	25
32	Altered materno-fetal transfer of 13C-polyunsaturated fatty acids in obese pregnant women. Clinical Nutrition, 2020, 39, 1101-1107.	5.0	24
33	Oxidized LDL and its correlation with lipid profile and oxidative stress biomarkers in young healthy Spanish subjects. Journal of Physiology and Biochemistry, 2010, 66, 221-227.	3.0	23
34	Daily intake of fruit and vegetable soups processed in different ways increases human serum Î²-carotene and lycopene concentrations and reduces levels of several oxidative stress markers in healthy subjects. Food Chemistry, 2012, 134, 127-133.	8.2	19
35	In vivo kinetic study of maternoâ€fetal fatty acid transfer in obese and normal weight pregnant women. Journal of Physiology, 2019, 597, 4959-4973.	2.9	18
36	Phospholipids in lipoproteins: compositional differences across VLDL, LDL, and HDL in pregnant women. Lipids in Health and Disease, 2019, 18, 20.	3.0	17

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37	Structural design of natural plant-based foods to promote nutritional quality. Trends in Food Science and Technology, 2012, 24, 47-59.	15.1	16
38	Decreased Blood Level of MFSD2a as a Potential Biomarker of Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2020, 21, 70.	4.1	16
39	Dehydroepiandrosterone-Sulfate Modifies Human Fatty Acid Composition of Different Adipose Tissue Depots. Obesity Surgery, 2011, 21, 102-111.	2.1	15
40	Influence of gestational diabetes on circadian rhythms of children and their association with fetal adiposity. Diabetes/Metabolism Research and Reviews, 2013, 29, 483-491.	4.0	15
41	DHA supplementation during pregnancy as phospholipids or TAG produces different placental uptake but similar fetal brain accretion in neonatal piglets. British Journal of Nutrition, 2017, 118, 981-988.	2.3	15
42	Effect of the consumption of a fruit and vegetable soup with high in vitro carotenoid bioaccessibility on serum carotenoid concentrations and markers of oxidative stress in young men. European Journal of Nutrition, 2012, 51, 231-239.	3.9	14
43	Docosahexaenoic acid supplementation during pregnancy as phospholipids did not improve the incorporation of this fatty acid into rat fetal brain compared with the triglyceride form. Nutrition Research, 2017, 37, 78-86.	2.9	13
44	Placental lipid droplet composition: Effect of a lifestyle intervention (LIPBEAT) in obese pregnant women. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 998-1005.	2.4	13
45	Child Head Circumference and Placental MFSD2a Expression Are Associated to the Level of MFSD2a in Maternal Blood During Pregnancy. Frontiers in Endocrinology, 2020, 11, 38.	3.5	13
46	Dehydroepiandrosterone modifies rat fatty acid composition of serum and different adipose tissue depots and lowers serum insulin levels. Journal of Endocrinology, 2009, 201, 67-74.	2.6	12
47	Nâ€6 From Different Sources Protect From Metabolic Alterations to Obese Patients: A Factor Analysis. Obesity, 2009, 17, 452-459.	3.0	12
48	The Nutrition in Early Life and Asthma (NELA) birth cohort study: Rationale, design, and methods. Paediatric and Perinatal Epidemiology, 2022, 36, 310-324.	1.7	9
49	Effects of fructooligosaccharides on cecum polyamine concentration and gut maturation in early-weaned piglets. Journal of Clinical Biochemistry and Nutrition, 2011, 48, 230-236.	1.4	8
50	White tea consumption slightly reduces iron absorption but not growth, food efficiency, protein utilization, or calcium, phosphorus, magnesium, and zinc absorption in rats. Journal of Physiology and Biochemistry, 2011, 67, 331-337.	3.0	8
51	Prevalence and secular trend of childhood overweight and obesity in a Mediterranean area of Southeast Spain. Child and Adolescent Obesity, 2020, 3, 136-149.	1.3	8
52	Fatty acid composition and nutritional relevance of most widely consumed margarines in Spain. Grasas Y Aceites, 2003, 54, .	0.9	8
53	Systematic review of fatty acid composition of plasma phospholipids of venous cord blood in full-term infants. European Journal of Nutrition, 2002, 41, 125-131.	3.9	7
54	Increased Alkaline Phosphatase in Cord Blood of Obese Diabetic Mothers Is Associated to Polyunstaurated Fatty Acid Levels. Annals of Nutrition and Metabolism, 2019, 75, 153-162.	1.9	7

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55	Postprandial plasma adiponectin response is reduced in prepubertal premature pubarche girls. Metabolism: Clinical and Experimental, 2010, 59, 1319-1326.	3.4	6
56	A method for lipid droplet isolation from human placenta for further analyses in clinical trials. Acta Obstetricia Et Gynecologica Scandinavica, 2014, 93, 1198-1202.	2.8	6
57	Self-Reported DHA Supplementation during Pregnancy and Its Association with Obesity or Gestational Diabetes in Relation to DHA Concentration in Cord and Maternal Plasma: Results from NELA, a Prospective Mother-Offspring Cohort. Nutrients, 2021, 13, 843.	4.1	6
58	Vitamin B12 Induces Hepatic Fatty Infiltration through Altered Fatty Acid Metabolism. Cellular Physiology and Biochemistry, 2021, 55, 241-255.	1.6	6
59	Adiponectin agonist treatment in diabetic pregnant rats. Journal of Endocrinology, 2021, 251, 1-13.	2.6	6
60	Towards an Optimized Fetal DHA Accretion: Differences on Maternal DHA Supplementation Using Phospholipids vs. Triglycerides during Pregnancy in Different Models. Nutrients, 2021, 13, 511.	4.1	5
61	Changes in the carotenoid concentration in human postprandial chylomicron and antioxidant effect in HepG2 caused by differently processed fruit and vegetable soups. Food Chemistry, 2012, 133, 38-44.	8.2	4
62	Cell-Based Assay To Quantify the Antioxidant Effect of Food-Derived Carotenoids Enriched in Postprandial Human Chylomicrons. Journal of Agricultural and Food Chemistry, 2010, 58, 10864-10868.	5.2	3
63	Calcifediol During Pregnancy Improves Maternal and Fetal Availability of Vitamin D Compared to Vitamin D3 in Rats and Modifies Fetal Metabolism. Frontiers in Nutrition, 2022, 9, 871632.	3.7	1
64	Critical Steps for Human Gut Exfoliome RNA Profiling Analysis Using Non-Invasive Stool Samples. Annals of Nutrition and Metabolism, 2022, 78, 80-90.	1.9	0