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List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,919
citations

186265

28
h-index

175258

52
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66
all docs

66
docs citations

66
times ranked

3725
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Vitamin B12 Induces Hepatic Fatty Infiltration through Altered Fatty Acid Metabolism. Cellular Physiology and Biochemistry, 2021, 55, 241-255.	1.6	6
7	Adiponectin agonist treatment in diabetic pregnant rats. Journal of Endocrinology, 2021, 251, 1-13.	2.6	6
8	Altered materno-fetal transfer of 13C-polyunsaturated fatty acids in obese pregnant women. Clinical Nutrition, 2020, 39, 1101-1107.	5.0	24
9	The Evolving Microbiome from Pregnancy to Early Infancy: A Comprehensive Review. Nutrients, 2020, 12, 133.	4.1	98
10	Decreased Blood Level of MFSD2a as a Potential Biomarker of Alzheimer's Disease. International Journal of Molecular Sciences, 2020, 21, 70.	4.1	16
11	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
12	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
13	<i>In vivo</i> kinetic study of materno-fetal fatty acid transfer in obese and normal weight pregnant women. Journal of Physiology, 2019, 597, 4959-4973.	2.9	18
14	From conception to infancy – early risk factors for childhood obesity. Nature Reviews Endocrinology, 2019, 15, 456-478.	9.6	115
15	Phospholipids in lipoproteins: compositional differences across VLDL, LDL, and HDL in pregnant women. Lipids in Health and Disease, 2019, 18, 20.	3.0	17
16	Increased Alkaline Phosphatase in Cord Blood of Obese Diabetic Mothers Is Associated to Polyunsaturated Fatty Acid Levels. Annals of Nutrition and Metabolism, 2019, 75, 153-162.	1.9	7
17	Placental lipid droplet composition: Effect of a lifestyle intervention (LUPBEAT) in obese pregnant women. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 998-1005.	2.4	13
18	Maternal and Foetal Health Implications of Vitamin D Status during Pregnancy. Annals of Nutrition and Metabolism, 2018, 72, 179-192.	1.9	69

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19	Placental MFSD2a transporter is related to decreased DHA in cord blood of women with treated gestational diabetes. <i>Clinical Nutrition</i> , 2017, 36, 513-521.	5.0	86
20	Role of Insulin in Placental Transport of Nutrients in Gestational Diabetes Mellitus. <i>Annals of Nutrition and Metabolism</i> , 2017, 70, 16-25.	1.9	45
21	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. <i>Nutrition Research</i> , 2017, 37, 78-86.	2.9	13
22	DHA supplementation during pregnancy as phospholipids or TAG produces different placental uptake but similar fetal brain accretion in neonatal piglets. <i>British Journal of Nutrition</i> , 2017, 118, 981-988.	2.3	15
23	Insulin Treatment May Alter Fatty Acid Carriers in Placentas from Gestational Diabetes Subjects. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1203.	4.1	25
24	A method for lipid droplet isolation from human placenta for further analyses in clinical trials. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 1198-1202.	2.8	6
25	Placental Fatty Acid Transfer: A Key Factor in Fetal Growth. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 247-253.	1.9	71
26	A gene variant in the transcription factor 7-like 2 (TCF7L2) is associated with an increased risk of gestational diabetes mellitus. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 180, 77-82.	1.1	32
27	Influence of gestational diabetes on circadian rhythms of children and their association with fetal adiposity. <i>Diabetes/Metabolism Research and Reviews</i> , 2013, 29, 483-491.	4.0	15
28	Materno-fetal transfer of docosahexaenoic acid is impaired by gestational diabetes mellitus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E826-E833.	3.5	74
29	Placental regulation of fetal nutrient supply. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 292-297.	2.5	104
30	Current understanding of placental fatty acid transport. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 265-272.	2.5	81
31	Structural design of natural plant-based foods to promote nutritional quality. <i>Trends in Food Science and Technology</i> , 2012, 24, 47-59.	15.1	16
32	Omega 3 fatty acids, gestation and pregnancy outcomes. <i>British Journal of Nutrition</i> , 2012, 107, S77-S84.	2.3	144
33	Changes in the carotenoid concentration in human postprandial chylomicron and antioxidant effect in HepG2 caused by differently processed fruit and vegetable soups. <i>Food Chemistry</i> , 2012, 133, 38-44.	8.2	4
34	Daily intake of fruit and vegetable soups processed in different ways increases human serum β -carotene and lycopene concentrations and reduces levels of several oxidative stress markers in healthy subjects. <i>Food Chemistry</i> , 2012, 134, 127-133.	8.2	19
35	Protective effect of white tea extract against acute oxidative injury caused by adriamycin in different tissues. <i>Food Chemistry</i> , 2012, 134, 1780-1785.	8.2	28
36	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. <i>European Journal of Nutrition</i> , 2012, 51, 231-239.	3.9	14

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37	Placental transfer of fatty acids and fetal implications. American Journal of Clinical Nutrition, 2011, 94, S1908-S1913.	4.7	123
38	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
39	Mechanisms involved in the selective transfer of long chain polyunsaturated fatty acids to the fetus. Frontiers in Genetics, 2011, 2, 57.	2.3	81
40	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
41	Dehydroepiandrosterone-Sulfate Modifies Human Fatty Acid Composition of Different Adipose Tissue Depots. Obesity Surgery, 2011, 21, 102-111.	2.1	15
42	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
43	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
44	Postprandial plasma adiponectin response is reduced in prepubertal premature pubarche girls. Metabolism: Clinical and Experimental, 2010, 59, 1319-1326.	3.4	6
45	Maternal-fetal in vivo transfer of [¹³ C]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
46	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
47	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
48	Effects of dietary polyamines at physiologic doses in early-weaned piglets. Nutrition, 2009, 25, 940-946.	2.4	38
49	Na€6 From Different Sources Protect From Metabolic Alterations to Obese Patients: A Factor Analysis. Obesity, 2009, 17, 452-459.	3.0	12
50	Metabolic Syndrome Affects Fatty Acid Composition of Plasma Lipids in Obese Prepubertal Children. Lipids, 2008, 43, 723-732.	1.7	32
51	Long-chain polyunsaturated fatty acid (LC-PUFA) transfer across the placenta. Clinical Nutrition, 2008, 27, 685-693.	5.0	145
52	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
53	Placental transfer of long-chain polyunsaturated fatty acids (LC-PUFA). Journal of Perinatal Medicine, 2007, 35, S5-S11.	1.4	87
54	Biological significance of dietary polyamines. Nutrition, 2007, 23, 87-95.	2.4	239

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55	Relationship among Adiponectin, Adiponectin Gene Expression and Fatty Acids Composition in Morbidly Obese Patients. <i>Obesity Surgery</i> , 2007, 17, 516-524.	2.1	42
56	Docosahexaenoic acid supply in pregnancy affects placental expression of fatty acid transport proteins. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 853-861.	4.7	116
57	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. <i>Early Human Development</i> , 2006, 82, 697-701.	1.8	42
58	In vivo investigation of the placental transfer of ¹³ C-labeled fatty acids in humans. <i>Journal of Lipid Research</i> , 2003, 44, 49-55.	4.2	108
59	Dietary Trans Fatty Acids Alter the Compositions of Microsomes and Mitochondria and the Activities of Microsomal Δ^6 -Fatty Acid Desaturase and Glucose-6-Phosphatase in Livers of Pregnant Rats. <i>Journal of Nutrition</i> , 2003, 133, 2526-2531.	2.9	59
60	Fatty acid composition and nutritional relevance of most widely consumed margarines in Spain. <i>Grasas Y Aceites</i> , 2003, 54, .	0.9	8
61	Systematic review of fatty acid composition of plasma phospholipids of venous cord blood in full-term infants. <i>European Journal of Nutrition</i> , 2002, 41, 125-131.	3.9	7
62	Perinatal Supply and Metabolism of Long-Chain Polyunsaturated Fatty Acids. <i>Annals of the New York Academy of Sciences</i> , 2002, 967, 299-310.	3.8	131
63	Dietary trans fatty acids in early life: a review. <i>Early Human Development</i> , 2001, 65, S31-S41.	1.8	104
64	Dietary Trans Fatty Acids Affect Docosahexaenoic Acid Concentrations in Plasma and Liver but not Brain of Pregnant and Fetal Rats. <i>Pediatric Research</i> , 2000, 47, 278-278.	2.3	49