

# Mardia Guadalupe LÃ³pez-AlarcÃ³n

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,760  
citations

430754

18  
h-index

289141

40  
g-index

51  
all docs

51  
docs citations

51  
times ranked

3778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructing Native American population history. <i>Nature</i> , 2012, 488, 370-374.	13.7	699
2	Breast-Feeding Lowers the Frequency and Duration of Acute Respiratory Infection and Diarrhea in Infants under Six Months of Age. <i>Journal of Nutrition</i> , 1997, 127, 436-443.	1.3	174
3	The <i>FTO</i> Gene Is Associated With Adulthood Obesity in the Mexican Population. <i>Obesity</i> , 2008, 16, 2296-2301.	1.5	164
4	Evidence of Insulin Resistance and Other Metabolic Alterations in Boys with Duchenne or Becker Muscular Dystrophy. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-8.	0.6	50
5	Supplementation of n3 Long-chain Polyunsaturated Fatty Acid Synergistically Decreases Insulin Resistance with Weight Loss of Obese Prepubertal and Pubertal Children. <i>Archives of Medical Research</i> , 2011, 42, 502-508.	1.5	47
6	Growth Faltering Is Prevented by Breast-Feeding in Underprivileged Infants from Mexico City. <i>Journal of Nutrition</i> , 2000, 130, 546-552.	1.3	39
7	Low Serum Magnesium Levels and Its Association with High Blood Pressure in Children. <i>Journal of Pediatrics</i> , 2016, 168, 93-98.e1.	0.9	38
8	Percentile distribution of the waist circumference among Mexican pre-adolescents of a primary school in Mexico City. <i>Diabetes, Obesity and Metabolism</i> , 2005, 7, 716-721.	2.2	32
9	Adipokines, insulin resistance, and adiposity as a predictors of metabolic syndrome in child survivors of lymphoma and acute lymphoblastic leukemia of a developing country. <i>BMC Cancer</i> , 2017, 17, 125.	1.1	32
10	Enteral Docosahexaenoic Acid and Retinopathy of Prematurity: A Randomized Clinical Trial. <i>Journal of Parenteral and Enteral Nutrition</i> , 2019, 43, 874-882.	1.3	30
11	Serial determinations of asymmetric dimethylarginine and homocysteine during pregnancy to predict pre-eclampsia: a longitudinal study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 1586-1592.	1.1	28
12	Participation of mammary gland in long-chain polyunsaturated fatty acid synthesis during pregnancy and lactation in rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 284-293.	1.2	27
13	Changes in pediatric waist circumference percentiles despite reported pediatric weight stabilization in the United States. <i>Pediatric Obesity</i> , 2017, 12, 347-355.	1.4	26
14	Association of PPARC2 Pro12Ala Variant with Larger Body Mass Index in Mestizo and Amerindian Populations of Mexico. <i>Human Biology</i> , 2007, 79, 111-119.	0.4	23
15	Obesity Is Associated with Changes in Iron Nutrition Status and Its Homeostatic Regulation in Pregnancy. <i>Nutrients</i> , 2019, 11, 693.	1.7	21
16	Leptin and metabolic syndrome in patients with Duchenne/Becker muscular dystrophy. <i>Acta Neurologica Scandinavica</i> , 2016, 133, 253-260.	1.0	20
17	Longitudinal Analysis of the Interaction Between Obesity and Pregnancy on Iron Homeostasis: Role of Hepcidin. <i>Archives of Medical Research</i> , 2016, 47, 550-556.	1.5	19
18	A randomized control trial of the impact of LCPUFA $\omega$ 3 supplementation on body weight and insulin resistance in pubertal children with obesity. <i>Pediatric Obesity</i> , 2019, 14, e12499.	1.4	19

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19	Coexisting role of fasting or feeding and dietary lipids in the control of gene expression of enzymes involved in the synthesis of saturated, monounsaturated and polyunsaturated fatty acids. <i>Gene</i> , 2012, 496, 28-36.	1.0	18
20	Fiber in Diet Is Associated with Improvement of Glycated Hemoglobin and Lipid Profile in Mexican Patients with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-9.	1.0	18
21	Cooking and Fe Fortification Have Different Effects on Fe Bioavailability of Bread and Tortillas. <i>Journal of the American College of Nutrition</i> , 2006, 25, 20-25.	1.1	17
22	Excessive Refined Carbohydrates and Scarce Micronutrients Intakes Increase Inflammatory Mediators and Insulin Resistance in Prepubertal and Pubertal Obese Children Independently of Obesity. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7.	1.4	17
23	Association Between the Brain-derived Neurotrophic Factor Val66Met Polymorphism and Overweight/Obesity in Pediatric Population. <i>Archives of Medical Research</i> , 2017, 48, 599-608.	1.5	16
24	Associations of Obesity Genes with Obesity-related Outcomes in Multiethnic Children. <i>Archives of Medical Research</i> , 2011, 42, 509-514.	1.5	15
25	Randomized Placebo-Controlled Trial of Guava Juice as a Source of Ascorbic Acid to Reduce Iron Deficiency in Tarahumara Indigenous Schoolchildren of Northern Mexico. <i>Journal of the American College of Nutrition</i> , 2011, 30, 191-200.	1.1	15
26	Effect of dietary levels of corn oil on maternal arachidonic acid synthesis and fatty acid composition in lactating rats. <i>Nutrition</i> , 2009, 25, 209-215.	1.1	14
27	Oral administration of docosahexaenoic acid attenuates interleukin-1 $\beta$ response and clinical course of septic neonates. <i>Nutrition</i> , 2012, 28, 384-390.	1.1	14
28	Hypofibrinolytic State in Subjects with Type 2 Diabetes Mellitus Aggravated by the Metabolic Syndrome before Clinical Manifestations of Atherothrombotic Disease. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	12
29	Association between Plasmatic Ceramides Profile and AST/ALT Ratio: C14:0 Ceramide as Predictor of Hepatic Steatosis in Adolescents Independently of Obesity. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2017, 2017, 1-6.	0.8	11
30	Mindfulness affects stress, ghrelin, and BMI of obese children: a clinical trial. <i>Endocrine Connections</i> , 2020, 9, 163-172.	0.8	11
31	Adiposity and Insulin Resistance in Children from a Rural Community in Mexico. <i>Archives of Medical Research</i> , 2015, 46, 214-220.	1.5	10
32	Docosahexaenoic acid administered in the acute phase protects the nutritional status of septic neonates. <i>Nutrition</i> , 2006, 22, 731-737.	1.1	9
33	Breastfeeding's protection against illness-induced anorexia is mediated partially by docosahexaenoic acid. <i>European Journal of Clinical Nutrition</i> , 2008, 62, 32-38.	1.3	9
34	The effect of gestational age on expression of genes involved in uptake, trafficking and synthesis of fatty acids in the rat placenta. <i>Gene</i> , 2016, 591, 403-410.	1.0	9
35	Beneficial Effects of Enteral Docosahexaenoic Acid on the Markers of Inflammation and Clinical Outcomes of Neonates Undergoing Cardiovascular Surgery: An Intervention Study. <i>Annals of Nutrition and Metabolism</i> , 2016, 69, 15-23.	1.0	8
36	Effectiveness of Four Manual Breast Pumps for Mothers after Preterm Delivery in a Developing Country. <i>Journal of the American College of Nutrition</i> , 2012, 31, 63-69.	1.1	7

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37	Beneficial effects of the n-3 long-chain polyunsaturated fatty acids in surgical patients: Updating the evidence. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2011, 85, 261-266.	1.0	6
38	Breastfeeding Protects against the Anorectic Response to Infection in Infants. <i>Advances in Experimental Medicine and Biology</i> , 2004, 554, 371-374.	0.8	6
39	Accuracy of the 13C-glucose breath test to identify insulin resistance in non-diabetic adults. <i>Acta Diabetologica</i> , 2019, 56, 923-929.	1.2	5
40	PPAR $\beta$ Pro12Ala polymorphism is associated with improved lipoprotein lipase functioning in adipose tissue of insulin resistant obese women. <i>Gene</i> , 2012, 511, 404-410.	1.0	4
41	The [13C]Glucose Breath Test Is a Reliable Method to Identify Insulin Resistance in Mexican Adults Without Diabetes: Comparison with Other Insulin Resistance Surrogates. <i>Diabetes Technology and Therapeutics</i> , 2014, 16, 385-391.	2.4	4
42	Nutritional status and cytokine concentration during chemotherapy in Mexican children: A longitudinal analysis. <i>Nutrition</i> , 2019, 57, 46-51.	1.1	4
43	Enteral Docosahexaenoic Acid Reduces Analgesic Administration in Neonates Undergoing Cardiovascular Surgery. <i>Annals of Nutrition and Metabolism</i> , 2016, 69, 150-160.	1.0	2
44	Maíz nixtamalizado suplementado con un concentrado de proteínas de sardina para mejorar el valor biológico de las tortillas. <i>Gaceta Medica De Mexico</i> , 2018, 154, 327-334.	0.5	2
45	Two parenteral amino acid solutions and plasma levels of amino acids in the neonate: A randomized trial. <i>Nutrition</i> , 2019, 65, 202-207.	1.1	1
46	The role of LCPUFA- $\omega$ 3 on the obesity-associated hyperandrogenemia of pubertal girls: secondary analysis of a randomized clinical trial. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020, 33, 347-354.	0.4	1
47	Social and Biological Determinants of Lactation. <i>Food and Nutrition Bulletin</i> , 1996, 17, 1-9.	0.5	0
48	Medical research at the Mexican Institute of Social Security: Seven decades of work, achievements, and challenges. <i>Gaceta Medica De Mexico</i> , 2023, 157, 454-462.	0.5	0