

# Maricela RodrÃ-iguez-Cruz

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

581  
citations

623734

14  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1078  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of long-chain polyunsaturated fatty acids in lactating mammary gland: role of $\Delta^5$ and $\Delta^6$ desaturases, SREBP-1, PPAR $\alpha$ , and PGC-1. <i>Journal of Lipid Research</i> , 2006, 47, 553-560.	4.2	64
2	Impact of Metabolic Hormones Secreted in Human Breast Milk on Nutritional Programming in Childhood Obesity. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2017, 22, 171-191.	2.7	63
3	Systemic Inflammation in Duchenne Muscular Dystrophy: Association with Muscle Function and Nutritional Status. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	54
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.	1.5	50
5	Nutrigenomics of $\omega$ -3 fatty acids: Regulators of the master transcription factors. <i>Nutrition</i> , 2017, 41, 90-96.	2.4	48
6	Enteral Docosahexaenoic Acid and Retinopathy of Prematurity: A Randomized Clinical Trial. <i>Journal of Parenteral and Enteral Nutrition</i> , 2019, 43, 874-882.	2.6	30
7	Genomics of lactation: role of nutrigenomics and nutrigenetics in the fatty acid composition of human milk. <i>British Journal of Nutrition</i> , 2017, 118, 161-168.	2.3	29
8	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.	2.4	27
9	Potential therapeutic impact of omega-3 long chain-polyunsaturated fatty acids on inflammation markers in Duchenne muscular dystrophy: A double-blind, controlled randomized trial. <i>Clinical Nutrition</i> , 2018, 37, 1840-1851.	5.0	26
10	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.	2.2	18
11	Protein Restriction in the Rat Negatively Impacts Long-chain Polyunsaturated Fatty Acid Composition and Mammary Gland Development at the End of Gestation. <i>Archives of Medical Research</i> , 2013, 44, 429-436.	3.3	18
12	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.	3.0	17
13	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.	3.3	16
14	Body composition and body mass index in Duchenne muscular dystrophy: Role of dietary intake. <i>Muscle and Nerve</i> , 2019, 59, 295-302.	2.2	16
15	Evidence of muscle loss delay and improvement of hyperinsulinemia and insulin resistance in Duchenne muscular dystrophy supplemented with omega-3 fatty acids: A randomized study. <i>Clinical Nutrition</i> , 2019, 38, 2087-2097.	5.0	15
16	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.	2.4	14
17	Role of maternal tissue in the synthesis of polyunsaturated fatty acids in response to a lipid-deficient diet during pregnancy and lactation in rats. <i>Gene</i> , 2014, 549, 7-23.	2.2	14
18	Muscle function and age are associated with loss of bone mineral density in Duchenne muscular dystrophy. <i>Muscle and Nerve</i> , 2019, 59, 417-421.	2.2	10

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19	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.	2.2	9
20	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.	1.9	8
21	Circulating markers of oxidative stress are associated with a muscle injury in patients with muscular dystrophy Duchenne. <i>Brain and Development</i> , 2021, 43, 111-120.	1.1	8
22	Efficacy of Docosahexaenoic Acid for the Prevention of Necrotizing Enterocolitis in Preterm Infants: A Randomized Clinical Trial. <i>Nutrients</i> , 2021, 13, 648.	4.1	8
23	Identification of Putative Ortholog Gene Blocks Involved in Gestant and Lactating Mammary Gland Development: A Rodent Cross-Species Microarray Transcriptomics Approach. <i>International Journal of Genomics</i> , 2013, 2013, 1-12.	1.6	6
24	Natural History of Serum Enzyme Levels in Duchenne Muscular Dystrophy and Implications for Clinical Practice. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, 1121-1128.	1.4	6
25	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.	2.2	4
26	Enteral Docosahexaenoic Acid Reduces Analgesic Administration in Neonates Undergoing Cardiovascular Surgery. <i>Annals of Nutrition and Metabolism</i> , 2016, 69, 150-160.	1.9	2
27	Pro-inflammatory monocytes are increased in Duchenne muscular dystrophy and suppressed with omega-3 fatty acids: A double-blind, randomized, placebo-controlled pilot study. <i>European Journal of Neurology</i> , 2022, 29, 855-864.	3.3	1