

# Cynthia Barrera

## List of Publications by Year in descending order

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13  
papers

507  
citations

759233

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1125743

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	The Impact of Maternal Diet during Pregnancy and Lactation on the Fatty Acid Composition of Erythrocytes and Breast Milk of Chilean Women. <i>Nutrients</i> , 2018, 10, 839.	4.1	81
2	Reduction in the desaturation capacity of the liver in mice subjected to high fat diet: Relation to LCPUFA depletion in liver and extrahepatic tissues. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 98, 7-14.	2.2	79
3	Vegetable oils rich in alpha linolenic acid increment hepatic n-3 LCPUFA, modulating the fatty acid metabolism and antioxidant response in rats. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 111, 25-35.	2.2	66
4	Supplementation with antioxidant-rich extra virgin olive oil prevents hepatic oxidative stress and reduction of desaturation capacity in mice fed a high-fat diet: Effects on fatty acid composition in liver and extrahepatic tissues. <i>Nutrition</i> , 2016, 32, 1254-1267.	2.4	65
5	Modification of Docosahexaenoic Acid Composition of Milk from Nursing Women Who Received Alpha Linolenic Acid from Chia Oil during Gestation and Nursing. <i>Nutrients</i> , 2015, 7, 6405-6424.	4.1	45
6	Molecular mechanisms related to the hepatoprotective effects of antioxidant-rich extra virgin olive oil supplementation in rats subjected to short-term iron administration. <i>Free Radical Biology and Medicine</i> , 2018, 126, 313-321.	2.9	39
7	Iron-induced pro-oxidant and pro-lipogenic responses in relation to impaired synthesis and accretion of long-chain polyunsaturated fatty acids in rat hepatic and extrahepatic tissues. <i>Nutrition</i> , 2018, 45, 49-58.	2.4	36
8	Anti-steatotic effects of an n-3 LCPUFA and extra virgin olive oil mixture in the liver of mice subjected to high-fat diet. <i>Food and Function</i> , 2016, 7, 140-150.	4.6	32
9	Polyunsaturated Fatty Acid Composition of Maternal Diet and Erythrocyte Phospholipid Status in Chilean Pregnant Women. <i>Nutrients</i> , 2014, 6, 4918-4934.	4.1	21
10	Reduced n-3 and n-6 PUFA (DHA and AA) Concentrations in Breast Milk and Erythrocytes Phospholipids during Pregnancy and Lactation in Women with Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1930.	2.6	16
11	Diet, Plasma, Erythrocytes, and Spermatozoa Fatty Acid Composition Changes in Young Vegan Men. <i>Lipids</i> , 2020, 55, 639-648.	1.7	13
12	Iron-induced derangement in hepatic $\Delta^5$ and $\Delta^6$ desaturation capacity and fatty acid profile leading to steatosis: Impact on extrahepatic tissues and prevention by antioxidant-rich extra virgin olive oil. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 153, 102058.	2.2	13
13	Docosahexaenoic acid levels in erythrocytes and their association with the University Selection Test Outcomes in Chile. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 139, 25-30.	2.2	1