

# Montserrat Solanas Garcia

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41 papers	1,456 citations	18 h-index	38 g-index
42 ext. papers	1,564 ext. citations	4 avg, IF	3.79 L-index

#	Paper	IF	Citations
41	Olive oil and health: summary of the II international conference on olive oil and health consensus report, Ja� and C�doba (Spain) 2008. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2010</b> , 20, 284-94	4.5	383
40	Unsuitability of using ribosomal RNA as loading control for Northern blot analyses related to the imbalance between messenger and ribosomal RNA content in rat mammary tumors. <i>Analytical Biochemistry</i> , <b>2001</b> , 288, 99-102	3.1	117
39	Effects of gamma-linolenic acid and oleic acid on paclitaxel cytotoxicity in human breast cancer cells. <i>European Journal of Cancer</i> , <b>2001</b> , 37, 402-13	7.5	111
38	Molecular mechanisms of the effects of olive oil and other dietary lipids on cancer. <i>Molecular Nutrition and Food Research</i> , <b>2007</b> , 51, 1279-92	5.9	92
37	Histopathologic characterization of mammary neoplastic lesions induced with 7,12 dimethylbenz(alpha)anthracene in the rat: a comparative analysis with human breast tumors. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2002</b> , 126, 915-27	5	79
36	Synergistic interaction between vinorelbine and gamma-linolenic acid in breast cancer cells. <i>Breast Cancer Research and Treatment</i> , <b>2002</b> , 72, 203-19	4.4	65
35	Modulatory effects and molecular mechanisms of olive oil and other dietary lipids in breast cancer. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 813-30	3.3	59
34	Olive oil, an essential component of the Mediterranean diet, and breast cancer. <i>Public Health Nutrition</i> , <b>2011</b> , 14, 2323-32	3.3	58
33	Chromatin structure of the regulatory regions of pS2 and cathepsin D genes in hormone-dependent and -independent breast cancer cell lines. <i>Oncogene</i> , <b>1999</b> , 18, 533-41	9.2	45
32	Identification of novel differentially expressed genes by the effect of a high-fat n-6 diet in experimental breast cancer. <i>Molecular Carcinogenesis</i> , <b>2004</b> , 40, 73-8	5	38
31	High-fat corn oil diet promotes the development of high histologic grade rat DMBA-induced mammary adenocarcinomas, while high olive oil diet does not. <i>Breast Cancer Research and Treatment</i> , <b>2004</b> , 86, 225-35	4.4	37
30	The Role of Dietary Extra Virgin Olive Oil and Corn Oil on the Alteration of Epigenetic Patterns in the Rat DMBA-Induced Breast Cancer Model. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138980	3.7	31
29	Dietary olive oil and corn oil differentially affect experimental breast cancer through distinct modulation of the p21Ras signaling and the proliferation-apoptosis balance. <i>Carcinogenesis</i> , <b>2010</b> , 31, 871-9	4.6	30
28	Are the olive oil and other dietary lipids related to cancer? Experimental evidence. <i>Clinical and Translational Oncology</i> , <b>2006</b> , 8, 868-83	3.6	28
27	Diets high in corn oil or extra-virgin olive oil provided from weaning advance sexual maturation and differentially modify susceptibility to mammary carcinogenesis in female rats. <i>Nutrition and Cancer</i> , <b>2011</b> , 63, 410-20	2.8	27
26	Modulation of EGFR and neu expression by n-6 and n-9 high-fat diets in experimental mammary adenocarcinomas. <i>Oncology Reports</i> , <b>2003</b> , 10, 1417-24	3.5	26
25	Olive oil and other dietary lipids in breast cancer. <i>Cancer Treatment and Research</i> , <b>2014</b> , 159, 289-309	3.5	19

24	Dietary polyunsaturated n-6 lipids effects on the growth and fatty acid composition of rat mammary tumors. <i>Journal of Nutritional Biochemistry</i> , <b>2001</b> , 12, 536-549	6.3	19
23	Dietary extra-virgin olive oil and corn oil differentially modulate the mRNA expression of xenobiotic-metabolizing enzymes in the liver and in the mammary gland in a rat chemically induced breast cancer model. <i>European Journal of Cancer Prevention</i> , <b>2015</b> , 24, 215-22	2	17
22	The stimulating effect of a high-fat n-6 polyunsaturated diet on rat DMBA-induced mammary tumors is not related to changes in c-Ha-ras1 mRNA tumor expression. <i>Nutrition Research</i> , <b>2001</b> , 21, 1264-1273 <sup>17</sup>	4	17
21	Olive Oil in Cancer Prevention and Progression. <i>Nutrition Reviews</i> , <b>2006</b> , 64, S40-S52	6.4	16
20	Effects of a high olive oil diet on the clinical behavior and histopathological features of rat DMBA-induced mammary tumors compared with a high corn oil diet. <i>International Journal of Oncology</i> , <b>2002</b> , 21, 745-53	1	15
19	Differential expression of H19 and vitamin D3 upregulated protein 1 as a mechanism of the modulatory effects of high virgin olive oil and high corn oil diets on experimental mammary tumours. <i>European Journal of Cancer Prevention</i> , <b>2009</b> , 18, 153-61	2	14
18	Deregulated expression of the PCPH proto-oncogene in rat mammary tumors induced with 7,12-dimethylbenz[a]anthracene. <i>Molecular Carcinogenesis</i> , <b>2002</b> , 33, 219-27	5	12
17	High corn oil and extra virgin olive oil diets and experimental mammary carcinogenesis: clinicopathological and immunohistochemical p21Ha-Ras expression study. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2011</b> , 458, 141-51	5.1	11
16	Diets high in corn oil or extra-virgin olive oil differentially modify the gene expression profile of the mammary gland and influence experimental breast cancer susceptibility. <i>European Journal of Nutrition</i> , <b>2016</b> , 55, 1397-409	5.2	10
15	Effect of High Fat Diets on Body Mass, Oleyethanolamide Plasma Levels and Oxytocin Expression in Growing Rats. <i>Journal of Food Science</i> , <b>2015</b> , 80, H1425-31	3.4	10
14	High corn oil and high extra virgin olive oil diets have different effects on the expression of differentiation-related genes in experimental mammary tumors. <i>Oncology Reports</i> , <b>2008</b> , 20, 429-35	3.5	10
13	Improved non-radioactive Northern blot protocol for detecting low abundance mRNAs from mammalian tissues. <i>Biotechnology Letters</i> , <b>2001</b> , 23, 263-266	3	7
12	An improved protocol to increase sensitivity of Southern blot using dig-labelled DNA probes. <i>Journal of Proteomics</i> , <b>1997</b> , 35, 153-9		6
11	Olive Oil in Cancer Prevention and Progression. <i>Nutrition Reviews</i> , <b>2006</b> , 64, 40-52	6.4	6
10	Influence of DMBA-induced mammary cancer on the liver CPT I, mit HMG-CoA synthase and PPARalpha mRNA expression in rats fed a low or high corn oil diet. <i>International Journal of Molecular Medicine</i> , <b>2004</b> , 14, 283-7	4.4	6
9	Ontogeny of the major xenobiotic-metabolizing enzymes expression and the dietary lipids modulatory effect in the rat dimethylbenz(a)anthracene-induced breast cancer model. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2014</b> , 28, 539-48	3.4	5
8	Dietary lipids differentially modulate the initiation of experimental breast carcinogenesis through their influence on hepatic xenobiotic metabolism and DNA damage in the mammary gland. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 43, 68-77	6.3	3
7	Likelihood approach for count data in longitudinal experiments. <i>Computational Statistics and Data Analysis</i> , <b>2007</b> , 51, 6511-6520	1.6	3

6	Effects of diets high in corn oil or in extra virgin olive oil on oxidative stress in an experimental model of breast cancer. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 4923-4932	2.8	2
5	Effects of a high olive oil diet on the clinical behavior and histopathological features of rat DMBA-induced mammary tumors compared with a high corn oil diet <b>2002</b> , 21, 745		2
4	Dissecting ultra-processed foods and drinks: Do they have a potential to impact the brain?. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2022</b> , 1	10.5	2
3	Modulation of EGFR and neu expression by n-6 and n-9 high-fat diets in experimental mammary adenocarcinomas. <i>Oncology Reports</i> , <b>2003</b> , 10, 1417	3.5	1
2	Influence of DMBA-induced mammary cancer on the liver CPT I, mit HMG-CoA synthase and PPAR $\alpha$ mRNA expression in rats fed a low or high corn oil diet. <i>International Journal of Molecular Medicine</i> , <b>2004</b> , 14, 283	4.4	
1	High corn oil and high extra virgin olive oil diets have different effects on the expression of differentiation-related genes in experimental mammary tumors. <i>Oncology Reports</i> , <b>1994</b> , 20, 429	3.5	