

# Ana Ramirez De Molina

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

2,272  
citations

218677

26  
h-index

223800

46  
g-index

58  
all docs

58  
docs citations

58  
times ranked

3807  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary phytochemicals in cancer prevention and therapy: a complementary approach with promising perspectives. <i>Nutrition Reviews</i> , 2013, 71, 585-599.	5.8	215
2	Expression of choline kinase alpha to predict outcome in patients with early-stage non-small-cell lung cancer: a retrospective study. <i>Lancet Oncology</i> , The, 2007, 8, 889-897.	10.7	140
3	Dietary Strategies Implicated in the Prevention and Treatment of Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1877.	4.1	126
4	A link between lipid metabolism and epithelial-mesenchymal transition provides a target for colon cancer therapy. <i>Oncotarget</i> , 2015, 6, 38719-38736.	1.8	124
5	The gut microbiota urolithin metabolites revisited: the human metabolism of ellagic acid is mainly determined by aging. <i>Food and Function</i> , 2018, 9, 4100-4106.	4.6	119
6	Regulation of choline kinase activity by Ras proteins involves RalGDS and PI3K. <i>Oncogene</i> , 2002, 21, 937-946.	5.9	114
7	Alterations of Lipid Metabolism in Cancer: Implications in Prognosis and Treatment. <i>Frontiers in Oncology</i> , 2020, 10, 577420.	2.8	107
8	Deciphering the Human Gut Microbiome of Urolithin Metabolites: Association with Enterotypes and Potential Cardiometabolic Health Implications. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800958.	3.3	97
9	Antitumor effect of 5-fluorouracil is enhanced by rosemary extract in both drug sensitive and resistant colon cancer cells. <i>Pharmacological Research</i> , 2013, 72, 61-68.	7.1	79
10	ABCA1 overexpression worsens colorectal cancer prognosis by facilitating tumour growth and caveolin-1-dependent invasiveness, and these effects can be ameliorated using the ABCA1 inhibitor apabetalone. <i>Molecular Oncology</i> , 2018, 12, 1735-1752.	4.6	79
11	Expression of MicroRNA-15b and the Glycosyltransferase GCNT3 Correlates with Antitumor Efficacy of Rosemary Diterpenes in Colon and Pancreatic Cancer. <i>PLoS ONE</i> , 2014, 9, e98556.	2.5	75
12	Choline kinase as a link connecting phospholipid metabolism and cell cycle regulation: Implications in cancer therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1753-1763.	2.8	74
13	Rosemary ( <i>Rosmarinus officinalis</i> L.) Extract as a Potential Complementary Agent in Anticancer Therapy. <i>Nutrition and Cancer</i> , 2015, 67, 1223-1231.	2.0	74
14	ColoLipidGene: signature of lipid metabolism-related genes to predict prognosis in stage-II colon cancer patients. <i>Oncotarget</i> , 2015, 6, 7348-7363.	1.8	69
15	Improving <i>In Vivo</i> Efficacy of Bioactive Molecules: An Overview of Potentially Antitumor Phytochemicals and Currently Available Lipid-Based Delivery Systems. <i>Journal of Oncology</i> , 2017, 2017, 1-34.	1.3	55
16	Targeting the lipid metabolic axis ACSL/SCD in colorectal cancer progression by therapeutic miRNAs: miR-19b-1 role. <i>Journal of Lipid Research</i> , 2018, 59, 14-24.	4.2	51
17	Biological Activities of Asteraceae ( <i>Achillea millefolium</i> and <i>Calendula officinalis</i> ) and Lamiaceae ( <i>Melissa officinalis</i> and <i>Origanum majorana</i> ) Plant Extracts. <i>Plant Foods for Human Nutrition</i> , 2017, 72, 96-102.	3.2	48
18	Complementary ACSL isoforms contribute to a non-Warburg advantageous energetic status characterizing invasive colon cancer cells. <i>Scientific Reports</i> , 2017, 7, 11143.	3.3	42

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19	Microtargeting cancer metabolism: opening new therapeutic windows based on lipid metabolism. <i>Journal of Lipid Research</i> , 2016, 57, 193-206.	4.2	38
20	Modulation of estrogen and epidermal growth factor receptors by rosemary extract in breast cancer cells. <i>Electrophoresis</i> , 2014, 35, 1719-1727.	2.4	37
21	The Ellagic Acid Derivative 4,4-Dimethyl-3-O-Methylellagic Acid Efficiently Inhibits Colon Cancer Cell Growth through a Mechanism Involving WNT16. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 433-444.	2.5	37
22	Precision Nutrition for Targeting Lipid Metabolism in Colorectal Cancer. <i>Nutrients</i> , 2017, 9, 1076.	4.1	37
23	3'UTR Polymorphism in ACSL1 Gene Correlates with Expression Levels and Poor Clinical Outcome in Colon Cancer Patients. <i>PLoS ONE</i> , 2016, 11, e0168423.	2.5	31
24	Metabolic enzyme ACSL3 is a prognostic biomarker and correlates with anticancer effectiveness of statins in non-small cell lung cancer. <i>Molecular Oncology</i> , 2020, 14, 3135-3152.	4.6	30
25	Clinical relevance of the differential expression of the glycosyltransferase gene GCNT3 in colon cancer. <i>European Journal of Cancer</i> , 2015, 51, 1-8.	2.8	28
26	The transcriptional and mutational landscapes of lipid metabolism-related genes in colon cancer. <i>Oncotarget</i> , 2018, 9, 5919-5930.	1.8	28
27	Genes associated with metabolic syndrome predict disease-free survival in stage II colorectal cancer patients. A novel link between metabolic dysregulation and colorectal cancer. <i>Molecular Oncology</i> , 2014, 8, 1469-1481.	4.6	27
28	Identification of antitumoral agents against human pancreatic cancer cells from Asteraceae and Lamiaceae plant extracts. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 254.	3.7	26
29	The role of glycosyltransferase enzyme GCNT3 in colon and ovarian cancer prognosis and chemoresistance. <i>Scientific Reports</i> , 2018, 8, 8485.	3.3	26
30	Nutritional genomics for the characterization of the effect of bioactive molecules in lipid metabolism and related pathways. <i>Electrophoresis</i> , 2012, 33, 2266-2289.	2.4	23
31	Polymorphism in the CLOCK gene may influence the effect of fat intake reduction on weight loss. <i>Nutrition</i> , 2016, 32, 453-460.	2.4	19
32	Exploring Host Genetic Polymorphisms Involved in SARS-CoV Infection Outcomes: Implications for Personalized Medicine in COVID-19. <i>International Journal of Genomics</i> , 2020, 2020, 1-8.	1.6	19
33	Yarrow supercritical extract exerts antitumoral properties by targeting lipid metabolism in pancreatic cancer. <i>PLoS ONE</i> , 2019, 14, e0214294.	2.5	15
34	Association of calcium and dairy product consumption with childhood obesity and the presence of a Brain Derived Neurotropic Factor-Antisense (BDNF-AS) polymorphism. <i>Clinical Nutrition</i> , 2019, 38, 2616-2622.	5.0	14
35	Novel Polyphenols That Inhibit Colon Cancer Cell Growth Affecting Cancer Cell Metabolism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 366, 377-389.	2.5	13
36	Tolerability and Safety of a Nutritional Supplement with Potential as Adjuvant in Colorectal Cancer Therapy: A Randomized Trial in Healthy Volunteers. <i>Nutrients</i> , 2019, 11, 2001.	4.1	13

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37	Precision Nutrition to Activate Thermogenesis as a Complementary Approach to Target Obesity and Associated-Metabolic-Disorders. <i>Cancers</i> , 2021, 13, 866.	3.7	12
38	Marigold Supercritical Extract as Potential Co-adjuvant in Pancreatic Cancer: The Energetic Catastrophe Induced via BMP8B Ends Up With Autophagy-Induced Cell Death. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 455.	4.1	10
39	A genetic variant of PPARA modulates cardiovascular risk biomarkers after milk consumption. <i>Nutrition</i> , 2014, 30, 1144-1150.	2.4	9
40	GCKR rs780094 Polymorphism as A Genetic Variant Involved in Physical Exercise. <i>Genes</i> , 2019, 10, 570.	2.4	8
41	Yarrow Supercritical Extract Ameliorates the Metabolic Stress in a Model of Obesity Induced by High-Fat Diet. <i>Nutrients</i> , 2020, 12, 72.	4.1	8
42	Polymorphism of CLOCK Gene rs3749474 as a Modulator of the Circadian Evening Carbohydrate Intake Impact on Nutritional Status in an Adult Sample. <i>Nutrients</i> , 2020, 12, 1142.	4.1	8
43	Potential protective effect against SARS-CoV-2 infection by APOE rs7412 polymorphism. <i>Scientific Reports</i> , 2022, 12, 7247.	3.3	8
44	The Q223R Polymorphism of the Leptin Receptor Gene as a Predictor of Weight Gain in Childhood Obesity and the Identification of Possible Factors Involved. <i>Genes</i> , 2020, 11, 560.	2.4	7
45	Polymorphic Appetite Effects on Waist Circumference Depend on rs3749474 CLOCK Gene Variant. <i>Nutrients</i> , 2020, 12, 1846.	4.1	7
46	Nutritional Epigenetics in Cancer. <i>Advances in Nutrition</i> , 2022, 13, 1748-1761.	6.4	7
47	Saponin-Rich Extracts and Their Acid Hydrolysates Differentially Target Colorectal Cancer Metabolism in the Frame of Precision Nutrition. <i>Cancers</i> , 2020, 12, 3399.	3.7	6
48	Miracle Berry as a Potential Supplement in the Control of Metabolic Risk Factors in Cancer. <i>Antioxidants</i> , 2020, 9, 1282.	5.1	6
49	Non-Coding and Regulatory RNAs as Epigenetic Remodelers of Fatty Acid Homeostasis in Cancer. <i>Cancers</i> , 2020, 12, 2890.	3.7	5
50	Natural Extracts to Augment Energy Expenditure as a Complementary Approach to Tackle Obesity and Associated Metabolic Alterations. <i>Biomolecules</i> , 2021, 11, 412.	4.0	5
51	Intestinal Intervention Strategy Targeting Myeloid Cells to Improve Hepatic Immunity during Hepatocarcinoma Development. <i>Biomedicines</i> , 2021, 9, 1633.	3.2	5
52	Cardiometabolic Health Status, Ethnicity and Health-Related Quality of Life (HRQoL) Disparities in an Adult Population: NutrIMDEA Observational Web-Based Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2948.	2.6	5
53	A more physiological approach to lipid metabolism alterations in cancer: CRC-like organoids assessment. <i>PLoS ONE</i> , 2019, 14, e0219944.	2.5	3
54	Metabolic Health Together with a Lipid Genetic Risk Score Predicts Survival of Small Cell Lung Cancer Patients. <i>Cancers</i> , 2021, 13, 1112.	3.7	2