

# Carolina GÃ³mez-Llorente

## List of Publications by Year in descending order

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49  
papers

3,097  
citations

236925

25  
h-index

223800

46  
g-index

50  
all docs

50  
docs citations

50  
times ranked

5385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probiotic Mechanisms of Action. Annals of Nutrition and Metabolism, 2012, 61, 160-174.	1.9	817
2	Cell Models and Their Application for Studying Adipogenic Differentiation in Relation to Obesity: A Review. International Journal of Molecular Sciences, 2016, 17, 1040.	4.1	262
3	The Role of Probiotic Lactic Acid Bacteria and Bifidobacteria in the Prevention and Treatment of Inflammatory Bowel Disease and Other Related Diseases: A Systematic Review of Randomized Human Clinical Trials. BioMed Research International, 2015, 2015, 1-15.	1.9	255
4	Antimicrobial, Antioxidant, and Immunomodulatory Properties of Essential Oils: A Systematic Review. Nutrients, 2019, 11, 2786.	4.1	184
5	Modulation of immunity and inflammatory gene expression in the gut, in inflammatory diseases of the gut and in the liver by probiotics. World Journal of Gastroenterology, 2014, 20, 15632.	3.3	168
6	Role of Toll-like receptors in the development of immunotolerance mediated by probiotics. Proceedings of the Nutrition Society, 2010, 69, 381-389.	1.0	126
7	Cell-Free Culture Supernatant of Bifidobacterium breve CNCM I-4035 Decreases Pro-Inflammatory Cytokines in Human Dendritic Cells Challenged with Salmonella typhi through TLR Activation. PLoS ONE, 2013, 8, e59370.	2.5	89
8	<i>Drosophila</i> Vps35 function is necessary for normal endocytic trafficking and actin cytoskeleton organisation. Journal of Cell Science, 2007, 120, 4367-4376.	2.0	86
9	Is adipose tissue metabolically different at different sites?. Pediatric Obesity, 2011, 6, 13-20.	3.2	83
10	Effects of Probiotics on Metabolic Syndrome: A Systematic Review of Randomized Clinical Trials. Nutrients, 2020, 12, 124.	4.1	69
11	Human Intestinal Dendritic Cells Decrease Cytokine Release against Salmonella Infection in the Presence of Lactobacillus paracasei upon TLR Activation. PLoS ONE, 2012, 7, e43197.	2.5	68
12	Gene expression signatures in breast cancer distinguish phenotype characteristics, histologic subtypes, and tumor invasiveness. Cancer, 2010, 116, 486-496.	4.1	60
13	Isolation, identification and characterisation of three novel probiotic strains (<i>Lactobacillus</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 T). Nutrition, 2013, 109, S51-S62.	2.3	59
14	Effects of Lactobacillus paracasei CNCM I-4034, Bifidobacterium breve CNCM I-4035 and Lactobacillus rhamnosus CNCM I-4036 on Hepatic Steatosis in Zucker Rats. PLoS ONE, 2014, 9, e98401.	2.5	58
15	Genome-Wide Expression in Visceral Adipose Tissue from Obese Prepubertal Children. International Journal of Molecular Sciences, 2015, 16, 7723-7737.	4.1	57
16	Lactobacillus reuteri V3401 Reduces Inflammatory Biomarkers and Modifies the Gastrointestinal Microbiome in Adults with Metabolic Syndrome: The PROSIR Study. Nutrients, 2019, 11, 1761.	4.1	53
17	Pyrosequencing Analysis Reveals Changes in Intestinal Microbiota of Healthy Adults Who Received a Daily Dose of Immunomodulatory Probiotic Strains. Nutrients, 2015, 7, 3999-4015.	4.1	49
18	Three Main Factors Define Changes in Fecal Microbiota Associated With Feeding Modality in Infants. Journal of Pediatric Gastroenterology and Nutrition, 2013, 57, 461-466.	1.8	47

#	ARTICLE	IF	CITATIONS
19	Obesity and Asthma: A Missing Link. International Journal of Molecular Sciences, 2017, 18, 1490.	4.1	47
20	Competitive inhibition of three novel bacteria isolated from faeces of breast milk-fed infants against selected enteropathogens. British Journal of Nutrition, 2013, 109, S63-S69.	2.3	38
21	Evaluation of the effect of Lactobacillus reuteri V3401 on biomarkers of inflammation, cardiovascular risk and liver steatosis in obese adults with metabolic syndrome: a randomized clinical trial (PROSIR). BMC Complementary and Alternative Medicine, 2018, 18, 306.	3.7	38
22	Lactobacillus rhamnosus and its cell-free culture supernatant differentially modulate inflammatory biomarkers in Escherichia coli-challenged human dendritic cells. British Journal of Nutrition, 2014, 111, 1727-1737.	2.3	36
23	Safety and Immunomodulatory Effects of Three Probiotic Strains Isolated from the Feces of Breast-Fed Infants in Healthy Adults: SETOPROB Study. PLoS ONE, 2013, 8, e78111.	2.5	33
24	Lactobacillus paracasei CNCM I-4034 and its culture supernatant modulate Salmonella-induced inflammation in a novel transwell co-culture of human intestinal-like dendritic and Caco-2 cells. BMC Microbiology, 2015, 15, 79.	3.3	32
25	Impact of 3-Amino-1,2,4-Triazole (3-AT)-Derived Increase in Hydrogen Peroxide Levels on Inflammation and Metabolism in Human Differentiated Adipocytes. PLoS ONE, 2016, 11, e0152550.	2.5	32
26	Influence of CYP2D6 Polymorphisms on Serum Levels of Tamoxifen Metabolites in Spanish Women with Breast Cancer. International Journal of Medical Sciences, 2013, 10, 932-937.	2.5	27
27	Adamdec1, Ednrb and Ptgs1/Cox1, inflammation genes upregulated in the intestinal mucosa of obese rats, are downregulated by three probiotic strains. Scientific Reports, 2017, 7, 1939.	3.3	27
28	The protein S100A4 as a novel marker of insulin resistance in prepubertal and pubertal children with obesity. Metabolism: Clinical and Experimental, 2020, 105, 154187.	3.4	24
29	In vitro examination of antibacterial and immunomodulatory activities of cinnamon, white thyme, and clove essential oils. Journal of Functional Foods, 2021, 81, 104436.	3.4	24
30	Gene expression profiling in the intestinal mucosa of obese rats administered probiotic bacteria. Scientific Data, 2017, 4, 170186.	5.3	17
31	Identification of de novo Mutations of Duchenne/Becker Muscular Dystrophies in Southern Spain. International Journal of Medical Sciences, 2014, 11, 988-993.	2.5	15
32	Multiplex analysis of the most common mutations related to hereditary haemochromatosis: two methods combining specific amplification with capillary electrophoresis. European Journal of Haematology, 2004, 72, 121-129.	2.2	14
33	A Multi-Omics Approach Reveals New Signatures in Obese Allergic Asthmatic Children. Biomedicines, 2020, 8, 359.	3.2	12
34	Use of capillary electrophoresis for accurate determination of CAG repeats causing Huntington disease. An oligonucleotide design avoiding shadow bands. Scandinavian Journal of Clinical and Laboratory Investigation, 2008, 68, 577-584.	1.2	11
35	Exogenous Nucleosides Stimulate Proliferation of Fetal Rat Hepatocytes. Journal of Nutrition, 2004, 134, 1309-1313.	2.9	9
36	Multi-mutational analysis of fifteen common mutations of the glucose 6-phosphate dehydrogenase gene in the Mediterranean population. Clinica Chimica Acta, 2008, 395, 94-98.	1.1	9

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37	Effects of X-chromosome Tenomodulin Genetic Variants on Obesity in a Childrenâ€™s Cohort and Implications of the Gene in Adipocyte Metabolism. Scientific Reports, 2019, 9, 3979.	3.3	9
38	Analysis of 31 CFTR mutations in 55 families from the south of Spain. Early Human Development, 2001, 65, S161-S164.	1.8	8
39	Nutrients and Diet: A Relationship between Oxidative Stress, Aging, Obesity, and Related Noncommunicable Diseases. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-1.	4.0	8
40	Bifidobacterium breve CNCM I-4035, Lactobacillus paracasei CNCM I-4034 and Lactobacillus rhamnosus CNCM I-4036 Modulate Macrophage Gene Expression and Ameliorate Damage Markers in the Liver of Zucker-Leprfa/fa Rats. Nutrients, 2021, 13, 202.	4.1	8
41	Multimutational Analysis of Eleven Cystic Fibrosis Mutations Common in the Mediterranean Areas. Clinical Chemistry, 2004, 50, 2155-2157.	3.2	5
42	Study of the fetal and maternal microbiota in pregnant women with intrauterine growth restriction and its relationship with inflammatory biomarkers. Medicine (United States), 2020, 99, e22722.	1.0	5
43	Frequency and clinical expression of HFE gene mutations in a Spanish population of subjects with abnormal iron metabolism. Annals of Hematology, 2005, 84, 650-655.	1.8	4
44	Quantitative-fluorescent-PCR versus full karyotyping in prenatal diagnosis of common chromosome aneuploidies in southern Spain. Clinical Chemistry and Laboratory Medicine, 2015, 53, 1333-8.	2.3	4
45	An analogue of atrial natriuretic peptide (C-ANP4-23) modulates glucose metabolism in human differentiated adipocytes. Molecular and Cellular Endocrinology, 2016, 431, 101-108.	3.2	4
46	Early Nutrition and Later Excess Adiposity during Childhood: A Narrative Review. Hormone Research in Paediatrics, 2022, 95, 112-119.	1.8	4
47	Molecular Basis of Oxidative Stress and Inflammation. , 2018, , 41-62.		2
48	A Family with Atypical Cystic Fibrosis: Brother and Sister with Heterozygosity for Both G542X and R117H. Pediatric and Developmental Pathology, 2008, 11, 213-219.	1.0	0
49	Multiplex primer extension reaction and capillary electrophoresis to study the frequency of thrombophilia-related mutations in a spanish population. Clinica Chimica Acta, 2012, 413, 1255-1258.	1.1	0