

# Carolina Gutiérrez-Repiso

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,459  
citations

331259

21  
h-index

360668

35  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin action over gut microbiota is related to weight and glycemic control in gestational diabetes mellitus: A randomized trial. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112465.	2.5	12
2	Epigenetic changes in the metabolically healthy obese: A case-control versus a prospective study. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13783.	1.7	1
3	Effect of Moderate Consumption of Different Phenolic-Content Beers on the Human Gut Microbiota Composition: A Randomized Crossover Trial. <i>Antioxidants</i> , 2022, 11, 696.	2.2	7
4	Iodine Deficiency and Mortality in Spanish Adults: Di@bet.es Study. <i>Thyroid</i> , 2021, 31, 106-114.	2.4	3
5	An alcohol-free beer enriched with isomaltulose and a resistant dextrin modulates gut microbiome in subjects with type 2 diabetes mellitus and overweight or obesity: a pilot study. <i>Food and Function</i> , 2021, 12, 3635-3646.	2.1	19
6	Different Weight Loss Intervention Approaches Reveal a Lack of a Common Pattern of Gut Microbiota Changes. <i>Journal of Personalized Medicine</i> , 2021, 11, 109.	1.1	15
7	Shifts in gut microbiota and their metabolites induced by bariatric surgery. Impact of factors shaping gut microbiota on bariatric surgery outcomes. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021, 22, 1137-1156.	2.6	17
8	Epigenetic Biomarkers of Transition from Metabolically Healthy Obesity to Metabolically Unhealthy Obesity Phenotype: A Prospective Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10417.	1.8	9
9	Impact of the Gestational Diabetes Diagnostic Criteria during the Pandemic: An Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4904.	1.0	7
10	Gut Microbiota Metabolism of Bile Acids Could Contribute to the Bariatric Surgery Improvements in Extreme Obesity. <i>Metabolites</i> , 2021, 11, 733.	1.3	10
11	Influence of Factors Altering Gastric Microbiota on Bariatric Surgery Metabolic Outcomes. <i>Microbiology Spectrum</i> , 2021, 9, e0053521.	1.2	4
12	Oxidized LDL Increase the Proinflammatory Profile of Human Visceral Adipocytes Produced by Hypoxia. <i>Biomedicines</i> , 2021, 9, 1715.	1.4	9
13	miRNA/Target Gene Profile of Endothelial Cells Treated with Human Triglyceride-Rich Lipoproteins Obtained after a High-Fat Meal with Extra-Virgin Olive Oil or Sunflower Oil. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 2000221.	1.5	4
14	Relationship between environmental temperature and the diagnosis and treatment of gestational diabetes mellitus: An observational retrospective study. <i>Science of the Total Environment</i> , 2020, 744, 140994.	3.9	19
15	Oleic Acid Protects Against Insulin Resistance by Regulating the Genes Related to the PI3K Signaling Pathway. <i>Journal of Clinical Medicine</i> , 2020, 9, 2615.	1.0	15
16	Mucosa-associated microbiota in the jejunum of patients with morbid obesity: alterations in states of insulin resistance and metformin treatment. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 1575-1585.	1.0	8
17	Jejunal Insulin Signalling Is Increased in Morbidly Obese Subjects with High Insulin Resistance and Is Regulated by Insulin and Leptin. <i>Journal of Clinical Medicine</i> , 2020, 9, 196.	1.0	2
18	GRK2 levels in myeloid cells modulate adipose-liver crosstalk in high fat diet-induced obesity. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4957-4976.	2.4	5

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19	Incidental Prophylactic Appendectomy Is Associated with a Profound Microbial Dysbiosis in the Long-Term. <i>Microorganisms</i> , 2020, 8, 609.	1.6	15
20	Effect of Synbiotic Supplementation in a Very-Low-Calorie Ketogenic Diet on Weight Loss Achievement and Gut Microbiota: A Randomized Controlled Pilot Study. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900167.	1.5	48
21	Gut microbiota adaptation after weight loss by Roux-en-Y gastric bypass or sleeve gastrectomy bariatric surgeries. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, 1888-1895.	1.0	58
22	H. pylori Eradication Treatment Alters Gut Microbiota and GLP-1 Secretion in Humans. <i>Journal of Clinical Medicine</i> , 2019, 8, 451.	1.0	52
23	Gut microbiota specific signatures are related to the successful rate of bariatric surgery. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 942-952.	0.0	20
24	Tissue-Specific Phenotype and Activation of iNKT Cells in Morbidly Obese Subjects: Interaction with Adipocytes and Effect of Bariatric Surgery. <i>Obesity Surgery</i> , 2018, 28, 2774-2782.	1.1	7
25	The changes in the transcriptomic profiling of subcutaneous adipose tissue after bariatric surgery depend on the insulin resistance state. <i>Surgery for Obesity and Related Diseases</i> , 2018, 14, 1182-1191.	1.0	9
26	Iron deficiency is associated with Hypothyroxinemia and Hypotriiodothyroninemia in the Spanish general adult population: Di@bet.es study. <i>Scientific Reports</i> , 2018, 8, 6571.	1.6	17
27	The pro-/anti-inflammatory effects of different fatty acids on visceral adipocytes are partially mediated by GPR120. <i>European Journal of Nutrition</i> , 2017, 56, 1743-1752.	1.8	35
28	Jejunal gluconeogenesis associated with insulin resistance level and its evolution after Roux-en-Y gastric bypass. <i>Surgery for Obesity and Related Diseases</i> , 2017, 13, 623-630.	1.0	17
29	Reference values for TSH may be inadequate to define hypothyroidism in persons with morbid obesity: Di@bet.es study. <i>Obesity</i> , 2017, 25, 788-793.	1.5	36
30	Changes in SCD gene DNA methylation after bariatric surgery in morbidly obese patients are associated with free fatty acids. <i>Scientific Reports</i> , 2017, 7, 46292.	1.6	16
31	Extra virgin olive oil is associated with a better antiatherosclerotic profile than sunflower oil. <i>Atherosclerosis</i> , 2017, 263, e205-e206.	0.4	0
32	Lactonase activity of HDL is increased in morbidly obese subjects and is associated to atherogenic index of plasma. <i>Atherosclerosis</i> , 2017, 263, e218-e219.	0.4	0
33	SCD1 expression is associated to free fatty acid levels, but not to SCD1 gene promoter methylation levels in morbid obese patients. <i>Atherosclerosis</i> , 2017, 263, e206.	0.4	0
34	Iodine is associated to semen quality in men who undergo consultations for infertility. <i>Reproductive Toxicology</i> , 2017, 73, 1-7.	1.3	6
35	Effect of hypoxia on scavenger receptors and inflammation in adipocytes. <i>Atherosclerosis</i> , 2017, 263, e251-e252.	0.4	1
36	Growth hormone-releasing hormone is produced by adipocytes and regulates lipolysis. <i>Atherosclerosis</i> , 2017, 263, e251.	0.4	2

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37	Population-Based National Prevalence of Thyroid Dysfunction in Spain and Associated Factors: Di@bet.es Study. <i>Thyroid</i> , 2017, 27, 156-166.	2.4	50
38	Bioactive Components in Human Milk Along the First Month of Life: Effects of Iodine Supplementation during Pregnancy. <i>Annals of Nutrition and Metabolism</i> , 2016, 68, 130-136.	1.0	9
39	Effect of Roux-en-Y gastric bypass-induced weight loss on the transcriptomic profiling of subcutaneous adipose tissue. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 257-263.	1.0	21
40	Thyroid Function and Thyroid Autoimmunity in Relation to Weight Status and Cardiovascular Risk Factors in Children and Adolescents: A Population-Based Study. <i>JCRPE Journal of Clinical Research in Pediatric Endocrinology</i> , 2016, 8, 157-162.	0.4	24
41	Hypoxia is associated with a lower expression of genes involved in lipogenesis in visceral adipose tissue. <i>Journal of Translational Medicine</i> , 2015, 13, 373.	1.8	28
42	<sc>C</sc>â€peptide modifies leptin and visfatin secretion in human adipose tissue. <i>Obesity</i> , 2015, 23, 1607-1615.	1.5	15
43	Evolution of urinary iodine excretion over eleven years in an adult population. <i>Clinical Nutrition</i> , 2015, 34, 712-718.	2.3	7
44	The expression of genes involved in jejunal lipogenesis and lipoprotein synthesis is altered in morbidly obese subjects with insulin resistance. <i>Laboratory Investigation</i> , 2015, 95, 1409-1417.	1.7	20
45	Does Dietary Iodine Regulate Oxidative Stress and Adiponectin Levels in Human Breast Milk?. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 847-853.	2.5	26
46	Night-time sleep duration and the incidence of obesity and type 2 diabetes. Findings from the prospective Pizarra study. <i>Sleep Medicine</i> , 2014, 15, 1398-1404.	0.8	28
47	<sc>FNDC</sc>5 could be regulated by leptin in adipose tissue. <i>European Journal of Clinical Investigation</i> , 2014, 44, 918-925.	1.7	37
48	Effects of obesity/fatty acids on the expression of GPR120. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1852-1860.	1.5	41
49	Modifications of the homeostasis model assessment of insulin resistance index with age. <i>Acta Diabetologica</i> , 2014, 51, 917-925.	1.2	12
50	Variable patterns of obesity and cardiometabolic phenotypes and their association with lifestyle factors in the Di@bet.es study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 947-955.	1.1	26
51	Infant neurocognitive development is independent of the use of iodised salt or iodine supplements given during pregnancy. <i>British Journal of Nutrition</i> , 2013, 110, 831-839.	1.2	59
52	Factors determining weight gain in adults and relation with glucose tolerance. <i>Clinical Endocrinology</i> , 2013, 78, 858-864.	1.2	3
53	Maternalâ€Fetal Thyroid Function at the Time of Birth and Its Relation with Iodine Intake. <i>Thyroid</i> , 2013, 23, 1619-1626.	2.4	21
54	Câ€reactive protein and incidence of type 2 diabetes in the Pizarra study. <i>European Journal of Clinical Investigation</i> , 2013, 43, 159-167.	1.7	11

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55	Metabolically Healthy but Obese, a Matter of Time? Findings From the Prospective Pizarra Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2318-2325.	1.8	214
56	Factors affecting levels of urinary albumin excretion in the general population of Spain: the Di@bet.es study. <i>Clinical Science</i> , 2013, 124, 269-277.	1.8	10
57	Vitamin D and incidence of diabetes: A prospective cohort study. <i>Clinical Nutrition</i> , 2012, 31, 571-573.	2.3	43
58	Stearoyl-CoA Desaturase-1 Is Associated with Insulin Resistance in Morbidly Obese Subjects. <i>Molecular Medicine</i> , 2011, 17, 273-280.	1.9	55
59	Effect of insulin analogues on 3t3-l1 adipogenesis and lipolysis. <i>European Journal of Clinical Investigation</i> , 2011, 41, 979-986.	1.7	8
60	Thyroid hormone levels predict the change in body weight: a prospective study. <i>European Journal of Clinical Investigation</i> , 2011, 41, 1202-1209.	1.7	53
61	Iodine concentration in cow's milk and its relation with urinary iodine concentrations in the population. <i>Clinical Nutrition</i> , 2011, 30, 44-48.	2.3	88
62	Iodine intakes of 100-300 µg/d do not modify thyroid function and have modest anti-inflammatory effects. <i>British Journal of Nutrition</i> , 2011, 105, 1783-1790.	1.2	36