

# Eduardo Garca-Fuentes

## List of Publications by Citations

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104  
papers

2,687  
citations

28  
h-index

48  
g-index

118  
ext. papers

3,109  
ext. citations

4.4  
avg, IF

4.47  
L-index

#	Paper	IF	Citations
104	Metabolically healthy but obese, a matter of time? Findings from the prospective Pizarra study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 2318-25	5.6	172
103	Effect of iodine prophylaxis during pregnancy on neurocognitive development of children during the first two years of life. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 3234-41	5.6	158
102	Hypertension is related to the degradation of dietary frying oils. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 78, 1092-7	7	139
101	The obese healthy paradox: is inflammation the answer?. <i>Biochemical Journal</i> , <b>2010</b> , 430, 141-9	3.8	133
100	Apelin levels are increased in morbidly obese subjects with type 2 diabetes mellitus. <i>Obesity Surgery</i> , <b>2009</b> , 19, 1574-80	3.7	113
99	Intelligence quotient and iodine intake: a cross-sectional study in children. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 3851-7	5.6	104
98	Study of the potential association of adipose tissue GLP-1 receptor with obesity and insulin resistance. <i>Endocrinology</i> , <b>2011</b> , 152, 4072-9	4.8	96
97	Oxidative stress in severely obese persons is greater in those with insulin resistance. <i>Obesity</i> , <b>2009</b> , 17, 240-6	8	85
96	Iodine concentration in cow's milk and its relation with urinary iodine concentrations in the population. <i>Clinical Nutrition</i> , <b>2011</b> , 30, 44-8	5.9	80
95	Obesity-associated insulin resistance is correlated to adipose tissue vascular endothelial growth factors and metalloproteinase levels. <i>BMC Physiology</i> , <b>2012</b> , 12, 4	0	58
94	Insulin resistance is associated with specific gut microbiota in appendix samples from morbidly obese patients. <i>American Journal of Translational Research (discontinued)</i> , <b>2016</b> , 8, 5672-5684	3	58
93	Tumor necrosis-like weak inducer of apoptosis as a proinflammatory cytokine in human adipocyte cells: up-regulation in severe obesity is mediated by inflammation but not hypoxia. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 2983-92	5.6	52
92	Stearoyl-CoA desaturase-1 is associated with insulin resistance in morbidly obese subjects. <i>Molecular Medicine</i> , <b>2011</b> , 17, 273-80	6.2	49
91	Infant neurocognitive development is independent of the use of iodised salt or iodine supplements given during pregnancy. <i>British Journal of Nutrition</i> , <b>2013</b> , 110, 831-9	3.6	48
90	Changes in oxidative stress and insulin resistance in morbidly obese patients after bariatric surgery. <i>Obesity Surgery</i> , <b>2010</b> , 20, 363-8	3.7	46
89	Plasma visfatin concentrations in severely obese subjects are increased after intestinal bypass. <i>Obesity</i> , <b>2007</b> , 15, 2391-5	8	41
88	Zinc-alpha 2-glycoprotein gene expression in adipose tissue is related with insulin resistance and lipolytic genes in morbidly obese patients. <i>PLoS ONE</i> , <b>2012</b> , 7, e33264	3.7	40

87	The gut microbiota profile is associated with insulin action in humans. <i>Acta Diabetologica</i> , <b>2013</b> , 50, 753-61	39
86	Thyroid hormone levels predict the change in body weight: a prospective study. <i>European Journal of Clinical Investigation</i> , <b>2011</b> , 41, 1202-9	4.6 38
85	PPARgamma expression after a high-fat meal is associated with plasma superoxide dismutase activity in morbidly obese persons. <i>Obesity</i> , <b>2010</b> , 18, 952-8	8 38
84	Morbidly obese individuals with impaired fasting glucose have a specific pattern of insulin secretion and sensitivity: effect of weight loss after bariatric surgery. <i>Obesity Surgery</i> , <b>2006</b> , 16, 1179-88	3.7 36
83	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> , <b>2019</b> , 15, 1888-1895	3 35
82	Effects of obesity/fatty acids on the expression of GPR120. <i>Molecular Nutrition and Food Research</i> , <b>2014</b> , 58, 1852-60	5.9 33
81	Changes in the serum composition of free-fatty acids during an intravenous glucose tolerance test. <i>Obesity</i> , <b>2009</b> , 17, 10-5	8 33
80	New and vintage solutions to enhance the plasma metabolome coverage by LC-ESI-MS untargeted metabolomics: the not-so-simple process of method performance evaluation. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 2639-47	7.8 31
79	White rice consumption and risk of type 2 diabetes. <i>Clinical Nutrition</i> , <b>2013</b> , 32, 481-4	5.9 31
78	FNDC5 could be regulated by leptin in adipose tissue. <i>European Journal of Clinical Investigation</i> , <b>2014</b> , 44, 918-25	4.6 30
77	Iodine intakes of 100-300µg/d do not modify thyroid function and have modest anti-inflammatory effects. <i>British Journal of Nutrition</i> , <b>2011</b> , 105, 1783-90	3.6 28
76	Iodine intake and prevalence of thyroid autoimmunity and autoimmune thyroiditis in children and adolescents aged between 1 and 16 years. <i>European Journal of Endocrinology</i> , <b>2012</b> , 167, 387-92	6.5 28
75	The pro-/anti-inflammatory effects of different fatty acids on visceral adipocytes are partially mediated by GPR120. <i>European Journal of Nutrition</i> , <b>2017</b> , 56, 1743-1752	5.2 26
74	Population-Based National Prevalence of Thyroid Dysfunction in Spain and Associated Factors: Di@bet.es Study. <i>Thyroid</i> , <b>2017</b> , 27, 156-166	6.2 26
73	The rise of soluble TWEAK levels in severely obese subjects after bariatric surgery may affect adipocyte-cytokine production induced by TNFα. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, E1323-33	5.6 26
72	Night-time sleep duration and the incidence of obesity and type 2 diabetes. Findings from the prospective Pizarra study. <i>Sleep Medicine</i> , <b>2014</b> , 15, 1398-404	4.6 25
71	Cellular and plasma oxidative stress biomarkers are raised in adults with bronchiectasis. <i>Clinical Nutrition</i> , <b>2013</b> , 32, 112-7	5.9 25
70	De novo lipogenesis in adipose tissue is associated with course of morbid obesity after bariatric surgery. <i>PLoS ONE</i> , <b>2012</b> , 7, e31280	3.7 25

69	Gut Microbiota Composition Is Associated With the Global DNA Methylation Pattern in Obesity. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 613	4.5	24
68	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> , <b>2014</b> , 24, 947-55	4.5	24
67	Amniotic fluid iodine concentrations do not vary in pregnant women with varying iodine intake. <i>British Journal of Nutrition</i> , <b>2008</b> , 99, 1178-81	3.6	23
66	Does dietary iodine regulate oxidative stress and adiponectin levels in human breast milk?. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 20, 847-53	8.4	22
65	Reference values for TSH may be inadequate to define hypothyroidism in persons with morbid obesity: Di@bet.es study. <i>Obesity</i> , <b>2017</b> , 25, 788-793	8	21
64	Standardized Map of Iodine Status in Europe. <i>Thyroid</i> , <b>2020</b> , 30, 1346-1354	6.2	21
63	Hypoxia is associated with a lower expression of genes involved in lipogenesis in visceral adipose tissue. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 373	8.5	21
62	Redistribution of abdominal fat after a period of food restriction in rats is related to the type of dietary fat. <i>British Journal of Nutrition</i> , <b>2003</b> , 89, 115-22	3.6	21
61	Improved carbohydrate metabolism after bariatric surgery raises antioxidantized LDL antibody levels in morbidly obese patients. <i>Diabetes Care</i> , <b>2008</b> , 31, 2258-64	14.6	19
60	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> , <b>2016</b> , 12, 257-63	3	17
59	Maternal-fetal thyroid function at the time of birth and its relation with iodine intake. <i>Thyroid</i> , <b>2013</b> , 23, 1619-26	6.2	16
58	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> , <b>2016</b> , 8, 157-62	1.9	16
57	The retinoic acid receptor-related orphan nuclear receptor $\beta$ (ROR $\beta$ ): a novel player determinant of insulin sensitivity in morbid obesity. <i>Obesity</i> , <b>2012</b> , 20, 488-97	8	15
56	Munc18c in adipose tissue is downregulated in obesity and is associated with insulin. <i>PLoS ONE</i> , <b>2013</b> , 8, e63937	3.7	14
55	Jejunal wall triglyceride concentration of morbidly obese persons is lower in those with type 2 diabetes mellitus. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 3516-23	6.3	14
54	The expression of genes involved in jejunal lipogenesis and lipoprotein synthesis is altered in morbidly obese subjects with insulin resistance. <i>Laboratory Investigation</i> , <b>2015</b> , 95, 1409-17	5.9	13
53	Mediterranean diet and the Spanish paradox. A hypothesis. <i>Medical Hypotheses</i> , <b>2013</b> , 80, 150-5	3.8	13
52	Selenium, selenoproteins and selenometabolites in mothers and babies at the time of birth. <i>British Journal of Nutrition</i> , <b>2017</b> , 117, 1304-1311	3.6	12

51	C-peptide modifies leptin and visfatin secretion in human adipose tissue. <i>Obesity</i> , <b>2015</b> , 23, 1607-15	8	12
50	Methylation patterns of Vegfb promoter are associated with gene and protein expression levels: the effects of dietary fatty acids. <i>European Journal of Nutrition</i> , <b>2017</b> , 56, 715-726	5.2	11
49	Jejunal gluconeogenesis associated with insulin resistance level and its evolution after Roux-en-Y gastric bypass. <i>Surgery for Obesity and Related Diseases</i> , <b>2017</b> , 13, 623-630	3	11
48	Changes in SCD gene DNA methylation after bariatric surgery in morbidly obese patients are associated with free fatty acids. <i>Scientific Reports</i> , <b>2017</b> , 7, 46292	4.9	11
47	Iron deficiency is associated with Hypothyroxinemia and Hypotriiodothyroninemia in the Spanish general adult population: Di@bet.es study. <i>Scientific Reports</i> , <b>2018</b> , 8, 6571	4.9	11
46	Ghrelin levels could be involved in the improvement of insulin resistance after bariatric surgery. <i>Endocrinologia, Diabetes Y Nutrici3n</i> , <b>2017</b> , 64, 355-362	1.3	11
45	Oesophageal squamous cell carcinoma (ESCC): Advances through omics technologies, towards ESCC salivaomics. <i>Drug Discoveries and Therapeutics</i> , <b>2015</b> , 9, 247-57	5	10
44	Production of a rapid hypercholesterolemia in young chick by feeding coconut oil from two different sources and fatty acid composition. <i>Nutrition Research</i> , <b>1998</b> , 18, 1273-1285	4	10
43	Modifications of the homeostasis model assessment of insulin resistance index with age. <i>Acta Diabetologica</i> , <b>2014</b> , 51, 917-25	3.9	9
42	Inflammation and Oxidation Biomarkers in Patients with Cystic Fibrosis: The Influence of Azithromycin. <i>Eurasian Journal of Medicine</i> , <b>2017</b> , 49, 118-123	1.3	9
41	Iodine nutrition status in Spain Needs for the future. <i>Endocrinologia, Diabetes Y Nutrici3n</i> , <b>2020</b> , 67, 61-69	1.3	9
40	Incidental Prophylactic Appendectomy Is Associated with a Profound Microbial Dysbiosis in the Long-Term. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	8
39	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> , <b>2018</b> , 14, 1182-1191	3	8
38	Factors affecting levels of urinary albumin excretion in the general population of Spain: the Di@bet.es study. <i>Clinical Science</i> , <b>2013</b> , 124, 269-77	6.5	8
37	Evolution of urinary iodine excretion over eleven years in an adult population. <i>Clinical Nutrition</i> , <b>2015</b> , 34, 712-8	5.9	7
36	Bioactive Components in Human Milk Along the First Month of Life: Effects of Iodine Supplementation during Pregnancy. <i>Annals of Nutrition and Metabolism</i> , <b>2016</b> , 68, 130-6	4.5	7
35	CCNG2 and CDK4 is associated with insulin resistance in adipose tissue. <i>Surgery for Obesity and Related Diseases</i> , <b>2014</b> , 10, 691-6	3	7
34	C-reactive protein and incidence of type 2 diabetes in the Pizarra study. <i>European Journal of Clinical Investigation</i> , <b>2013</b> , 43, 159-67	4.6	6

33	Oleic Acid Protects Against Insulin Resistance by Regulating the Genes Related to the PI3K Signaling Pathway. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	6
32	A lower duodenal immune response is associated with an increase of insulin resistance in patients with morbid obesity. <i>International Journal of Obesity</i> , <b>2020</b> , 44, 340-352	5.5	6
31	Oxidized LDL Modify the Human Adipocyte Phenotype to an Insulin Resistant, Proinflammatory and Proapoptotic Profile. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	6
30	Changes in thyroid function with age: results from the Pizarra population-based longitudinal study. <i>International Journal of Clinical Practice</i> , <b>2015</b> , 69, 577-87	2.9	5
29	Decreased blood pressure is related to changes in NF-kB promoter methylation levels after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , <b>2018</b> , 14, 1327-1334	3	5
28	Particular characteristics of the metabolic syndrome in patients with morbid obesity. <i>Endocrinología Y Nutrición: Organo De La Sociedad Espanola De Endocrinología Y Nutrición</i> , <b>2013</b> , 60, 127-35		5
27	Adipose tissue biomarkers involved in early resolution of type 2 diabetes after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , <b>2017</b> , 13, 70-77	3	4
26	Iodine is associated to semen quality in men who undergo consultations for infertility. <i>Reproductive Toxicology</i> , <b>2017</b> , 73, 1-7	3.4	4
25	Increased PON lactonase activity in morbidly obese patients is associated with impaired lipid profile. <i>International Journal of Clinical Practice</i> , <b>2019</b> , 73, e13315	2.9	3
24	The Antagonist Effect of Arachidonic Acid on Gene Expression by Nuclear Receptor Type II Regulation. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	3
23	Tissue-Specific Phenotype and Activation of iNKT Cells in Morbidly Obese Subjects: Interaction with Adipocytes and Effect of Bariatric Surgery. <i>Obesity Surgery</i> , <b>2018</b> , 28, 2774-2782	3.7	3
22	Particular Characteristics of the Metabolic Syndrome in Patients with Morbid Obesity. <i>Endocrinología Y Nutrición (English Edition)</i> , <b>2013</b> , 60, 127-135		3
21	Adipose tissue characteristics related to weight z-score in childhood. <i>International Journal of Endocrinology and Metabolism</i> , <b>2013</b> , 11, 82-7	1.8	3
20	Gut Microbiota Metabolism of Bile Acids Could Contribute to the Bariatric Surgery Improvements in Extreme Obesity. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	3
19	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> , <b>2020</b> , 64, e2000221	5.9	3
18	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> , <b>2020</b> , 16, 1575-1585	3	2
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> , <b>2020</b> , 9,	5.1	2
16	Iodine Status, Thyroid Function, and Birthweight: A Complex Relationship in High-Risk Pregnancies. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2

15	Factors determining weight gain in adults and relation with glucose tolerance. <i>Clinical Endocrinology</i> , <b>2013</b> , 78, 858-64	3.4	2
14	Association between the Mediterranean Diet and Metabolic Syndrome with Serum Levels of miRNA in Morbid Obesity. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
13	Ghrelin levels could be involved in the improvement of insulin resistance after bariatric surgery. <i>Endocrinología Diabetes Y Nutrición (English Ed)</i> , <b>2017</b> , 64, 355-362	0.1	1
12	Iodine nutrition in Spain: Future requirements. <i>Endocrinología Diabetes Y Nutrición (English Ed)</i> , <b>2020</b> , 67, 61-69	0.1	1
11	Different Expression of Duodenal Genes Related to Insulin Resistance Between Nonobese Women and Those with Severe Obesity. <i>Obesity</i> , <b>2020</b> , 28, 1708-1717	8	1
10	An Isolated Dose of Extra-Virgin Olive Oil Produces a Better Postprandial Gut Hormone Response, Lipidic, and Anti-Inflammatory Profile than Sunflower Oil: Effect of Morbid Obesity. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2100071	5.9	1
9	Influence of Factors Altering Gastric Microbiota on Bariatric Surgery Metabolic Outcomes. <i>Microbiology Spectrum</i> , <b>2021</b> , e0053521	8.9	0
8	Oleic acid restores the rhythmicity of the disrupted circadian rhythm found in gastrointestinal explants from patients with morbid obesity. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 4324-4333	5.9	0
7	First isolation of <i>Clostridioides difficile</i> from smoked and dried freshwater fish in Cambodia. <i>Food Control</i> , <b>2021</b> , 124, 107895	6.2	0
6	Iodine Deficiency and Mortality in Spanish Adults: Di@bet.es Study. <i>Thyroid</i> , <b>2021</b> , 31, 106-114	6.2	0
5	Iodine and Adipocytokines <b>2017</b> , 151-157		
4	Comparing postcesarean infectious complication rates using two different skin preparations. <i>Obstetrics and Gynecology</i> , <b>2011</b> , 118, 1418	4.9	
3	Iodine Deficiency and Hearing Impairment. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2019</b> , 145, 94-95	3.9	
2	EVOO Promotes a Less Atherogenic Profile Than Sunflower Oil in Smooth Muscle Cells Through the Extracellular Vesicles Secreted by Endothelial Cells.. <i>Frontiers in Nutrition</i> , <b>2022</b> , 9, 867745	6.2	
1	Morbid Obesity in Women Is Associated with an Altered Intestinal Expression of Genes Related to Cancer Risk and Immune, Defensive, and Antimicrobial Response. <i>Biomedicines</i> , <b>2022</b> , 10, 1024	4.8	