

Eduardo GarcÃ-a-Fuentes

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

3,379
citations

136950

32
h-index

168389

53
g-index

118
all docs

118
docs citations

118
times ranked

5110
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.6	214
2	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> , 2009, 94, 3234-3241.	3.6	187
3	Hypertension is related to the degradation of dietary frying oils. <i>American Journal of Clinical Nutrition</i> , 2003, 78, 1092-1097.	4.7	163
4	The obese healthy paradox: is inflammation the answer?. <i>Biochemical Journal</i> , 2010, 430, 141-149.	3.7	151
5	Apelin Levels Are Increased in Morbidly Obese Subjects with Type 2 Diabetes Mellitus. <i>Obesity Surgery</i> , 2009, 19, 1574-1580.	2.1	142
6	Intelligence Quotient and Iodine Intake: A Cross-Sectional Study in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3851-3857.	3.6	121
7	Study of the Potential Association of Adipose Tissue GLP-1 Receptor with Obesity and Insulin Resistance. <i>Endocrinology</i> , 2011, 152, 4072-4079.	2.8	121
8	Oxidative Stress in Severely Obese Persons Is Greater in Those With Insulin Resistance. <i>Obesity</i> , 2009, 17, 240-246.	3.0	102
9	Iodine concentration in cow's milk and its relation with urinary iodine concentrations in the population. <i>Clinical Nutrition</i> , 2011, 30, 44-48.	5.0	88
10	Obesity-associated insulin resistance is correlated to adipose tissue vascular endothelial growth factors and metalloproteinase levels. <i>BMC Physiology</i> , 2012, 12, 4.	3.6	74
11	Insulin resistance is associated with specific gut microbiota in appendix samples from morbidly obese patients. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 5672-5684.	0.0	60
12	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.	2.3	59
13	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.	1.2	58
14	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> , 2010, 95, 2983-2992.	3.6	57
15	Changes in Oxidative Stress and Insulin Resistance in Morbidly Obese Patients After Bariatric Surgery. <i>Obesity Surgery</i> , 2010, 20, 363-368.	2.1	55
16	Stearoyl-CoA Desaturase-1 Is Associated with Insulin Resistance in Morbidly Obese Subjects. <i>Molecular Medicine</i> , 2011, 17, 273-280.	4.4	55
17	Standardized Map of Iodine Status in Europe. <i>Thyroid</i> , 2020, 30, 1346-1354.	4.5	55
18	Thyroid hormone levels predict the change in body weight: a prospective study. <i>European Journal of Clinical Investigation</i> , 2011, 41, 1202-1209.	3.4	53

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19	The gut microbiota profile is associated with insulin action in humans. <i>Acta Diabetologica</i> , 2013, 50, 753-761.	2.5	50
20	Population-Based National Prevalence of Thyroid Dysfunction in Spain and Associated Factors: Di@bet.es Study. <i>Thyroid</i> , 2017, 27, 156-166.	4.5	50
21	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> , 2012, 7, e33264.	2.5	48
22	Plasma Visfatin Concentrations in Severely Obese Subjects Are Increased After Intestinal Bypass. <i>Obesity</i> , 2007, 15, 2391-2395.	3.0	45
23	Changes in the Serum Composition of Free Fatty Acids During an Intravenous Glucose Tolerance Test. <i>Obesity</i> , 2009, 17, 10-15.	3.0	43
24	PPAR β Expression After a High Fat Meal Is Associated With Plasma Superoxide Dismutase Activity in Morbidly Obese Persons. <i>Obesity</i> , 2010, 18, 952-958.	3.0	41
25	Effects of obesity/fatty acids on the expression of GPR120. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1852-1860.	3.3	41
26	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> , 2015, 87, 2639-2647.	6.5	39
27	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> , 2006, 16, 1179-1188.	2.1	38
28	White rice consumption and risk of type 2 diabetes. <i>Clinical Nutrition</i> , 2013, 32, 481-484.	5.0	38
29	Gut Microbiota Composition Is Associated With the Global DNA Methylation Pattern in Obesity. <i>Frontiers in Genetics</i> , 2019, 10, 613.	2.3	38
30	FNDC5 could be regulated by leptin in adipose tissue. <i>European Journal of Clinical Investigation</i> , 2014, 44, 918-925.	3.4	37
31	Iodine intakes of 100–300 μ g/d do not modify thyroid function and have modest anti-inflammatory effects. <i>British Journal of Nutrition</i> , 2011, 105, 1783-1790.	2.3	36
32	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.	3.0	36
33	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.	3.9	35
34	Cellular and plasma oxidative stress biomarkers are raised in adults with bronchiectasis. <i>Clinical Nutrition</i> , 2013, 32, 112-117.	5.0	34
35	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> , 2012, 167, 387-392.	3.7	31
36	The Rise of Soluble TWEAK Levels in Severely Obese Subjects After Bariatric Surgery May Affect Adipocyte-Cytokine Production Induced by TNF α . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1323-E1333.	3.6	30

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37	De Novo Lipogenesis in Adipose Tissue Is Associated with Course of Morbid Obesity after Bariatric Surgery. PLoS ONE, 2012, 7, e31280.	2.5	29
38	Microbiota diversity in nonalcoholic fatty liver disease and in drug-induced liver injury. Pharmacological Research, 2022, 182, 106348.	7.1	29
39	Night-time sleep duration and the incidence of obesity and type 2 diabetes. Findings from the prospective Pizarra study. Sleep Medicine, 2014, 15, 1398-1404.	1.6	28
40	Hypoxia is associated with a lower expression of genes involved in lipogenesis in visceral adipose tissue. Journal of Translational Medicine, 2015, 13, 373.	4.4	28
41	Does Dietary Iodine Regulate Oxidative Stress and Adiponectin Levels in Human Breast Milk?. Antioxidants and Redox Signaling, 2014, 20, 847-853.	5.4	26
42	Variable patterns of obesity and cardiometabolic phenotypes and their association with lifestyle factors in the Di@bet.es study. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 947-955.	2.6	26
43	Amniotic fluid iodine concentrations do not vary in pregnant women with varying iodine intake. British Journal of Nutrition, 2008, 99, 1178-1181.	2.3	24
44	Thyroid Function and Thyroid Autoimmunity in Relation to Weight Status and Cardiovascular Risk Factors in Children and Adolescents: A Population-Based Study. JCRPE Journal of Clinical Research in Pediatric Endocrinology, 2016, 8, 157-162.	0.9	24
45	Redistribution of abdominal fat after a period of food restriction in rats is related to the type of dietary fat. British Journal of Nutrition, 2003, 89, 115-122.	2.3	22
46	Improved Carbohydrate Metabolism After Bariatric Surgery Raises Antioxidized LDL Antibody Levels in Morbidly Obese Patients. Diabetes Care, 2008, 31, 2258-2264.	8.6	22
47	Maternal Fetal Thyroid Function at the Time of Birth and Its Relation with Iodine Intake. Thyroid, 2013, 23, 1619-1626.	4.5	21
48	Effect of Roux-en-Y gastric bypass-induced weight loss on the transcriptomic profiling of subcutaneous adipose tissue. Surgery for Obesity and Related Diseases, 2016, 12, 257-263.	1.2	21
49	The expression of genes involved in jejunal lipogenesis and lipoprotein synthesis is altered in morbidly obese subjects with insulin resistance. Laboratory Investigation, 2015, 95, 1409-1417.	3.7	20
50	Selenium, selenoproteins and selenometabolites in mothers and babies at the time of birth. British Journal of Nutrition, 2017, 117, 1304-1311.	2.3	20
51	Chrelin levels could be involved in the improvement of insulin resistance after bariatric surgery. Endocrinología, Diabetes Y Nutrición, 2017, 64, 355-362.	0.3	20
52	Jejunal wall triglyceride concentration of morbidly obese persons is lower in those with type 2 diabetes mellitus. Journal of Lipid Research, 2010, 51, 3516-3523.	4.2	17
53	Jejunal gluconeogenesis associated with insulin resistance level and its evolution after Roux-en-Y gastric bypass. Surgery for Obesity and Related Diseases, 2017, 13, 623-630.	1.2	17
54	Iron deficiency is associated with Hypothyroxinemia and Hypotriiodothyroninemia in the Spanish general adult population: Di@bet.es study. Scientific Reports, 2018, 8, 6571.	3.3	17

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55	The Retinoic Acid Receptor-Related Orphan Nuclear Receptor $\hat{3}1$ (ROR $\hat{3}1$): A Novel Player Determinant of Insulin Sensitivity in Morbid Obesity. <i>Obesity</i> , 2012, 20, 488-497.	3.0	16
56	Munc18c in Adipose Tissue Is Downregulated in Obesity and Is Associated with Insulin. <i>PLoS ONE</i> , 2013, 8, e63937.	2.5	16
57	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.	3.3	16
58	Inflammation and Oxidation Biomarkers in Patients with Cystic Fibrosis: The Influence of Azithromycin. <i>Eurasian Journal of Medicine</i> , 2017, 49, 118-123.	0.6	16
59	<scp>C</scp>-peptide modifies leptin and visfatin secretion in human adipose tissue. <i>Obesity</i> , 2015, 23, 1607-1615.	3.0	15
60	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.	2.4	15
61	Incidental Prophylactic Appendectomy Is Associated with a Profound Microbial Dysbiosis in the Long-Term. <i>Microorganisms</i> , 2020, 8, 609.	3.6	15
62	Mediterranean diet and the Spanish paradox. A hypothesis. <i>Medical Hypotheses</i> , 2013, 80, 150-155.	1.5	14
63	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> , 2017, 56, 715-726.	3.9	14
64	La nutrici3n de yodo en EspaAa. Necesidades para el futuro. <i>Endocrinologia, Diabetes Y Nutrici3n</i> , 2020, 67, 61-69.	0.3	14
65	Modifications of the homeostasis model assessment of insulin resistance index with age. <i>Acta Diabetologica</i> , 2014, 51, 917-925.	2.5	12
66	C-reactive protein and incidence of type 2 diabetes in the Pizarra study. <i>European Journal of Clinical Investigation</i> , 2013, 43, 159-167.	3.4	11
67	Oesophageal squamous cell carcinoma (ESCC): Advances through omics technologies, towards ESCC salivaomics. <i>Drug Discoveries and Therapeutics</i> , 2015, 9, 247-257.	1.5	11
68	Decreased blood pressure is related to changes in NF-kB promoter methylation levels after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2018, 14, 1327-1334.	1.2	11
69	Oxidized LDL Modify the Human Adipocyte Phenotype to an Insulin Resistant, Proinflammatory and Proapoptotic Profile. <i>Biomolecules</i> , 2020, 10, 534.	4.0	11
70	Association between the Mediterranean Diet and Metabolic Syndrome with Serum Levels of miRNA in Morbid Obesity. <i>Nutrients</i> , 2021, 13, 436.	4.1	11
71	Production of a rapid hypercholesterolemia in young chick by feeding coconut oil from two different sources and fatty acid composition. <i>Nutrition Research</i> , 1998, 18, 1273-1285.	2.9	10
72	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.	4.3	10

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73	CCNG2 and CDK4 is associated with insulin resistance in adipose tissue. <i>Surgery for Obesity and Related Diseases</i> , 2014, 10, 691-696.	1.2	10
74	Gut Microbiota Metabolism of Bile Acids Could Contribute to the Bariatric Surgery Improvements in Extreme Obesity. <i>Metabolites</i> , 2021, 11, 733.	2.9	10
75	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.	1.9	9
76	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.	1.2	9
77	Iodine Status, Thyroid Function, and Birthweight: A Complex Relationship in High-Risk Pregnancies. <i>Journal of Clinical Medicine</i> , 2020, 9, 177.	2.4	9
78	Oxidized LDL Increase the Proinflammatory Profile of Human Visceral Adipocytes Produced by Hypoxia. <i>Biomedicines</i> , 2021, 9, 1715.	3.2	9
79	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.	1.2	8
80	Changes in thyroid function with age: results from the Pizarra population-based longitudinal study. <i>International Journal of Clinical Practice</i> , 2015, 69, 577-587.	1.7	7
81	Evolution of urinary iodine excretion over eleven years in an adult population. <i>Clinical Nutrition</i> , 2015, 34, 712-718.	5.0	7
82	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.	2.1	7
83	The Antagonist Effect of Arachidonic Acid on GLUT4 Gene Expression by Nuclear Receptor Type II Regulation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 963.	4.1	7
84	A lower duodenal immune response is associated with an increase of insulin resistance in patients with morbid obesity. <i>International Journal of Obesity</i> , 2020, 44, 340-352.	3.4	7
85	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> , 2013, 60, 127-135.	0.8	6
86	Adipose tissue biomarkers involved in early resolution of type 2 diabetes after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2017, 13, 70-77.	1.2	6
87	Iodine is associated to semen quality in men who undergo consultations for infertility. <i>Reproductive Toxicology</i> , 2017, 73, 1-7.	2.9	6
88	Increased PON lactonase activity in morbidly obese patients is associated with impaired lipid profile. <i>International Journal of Clinical Practice</i> , 2019, 73, e13315.	1.7	5
89	Oleic acid restores the rhythmicity of the disrupted circadian rhythm found in gastrointestinal explants from patients with morbid obesity. <i>Clinical Nutrition</i> , 2021, 40, 4324-4333.	5.0	5
90	Transmitted Fetal Immune Response in Cases of SARS-CoV-2 Infections during Pregnancy. <i>Diagnostics</i> , 2022, 12, 245.	2.6	5

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91	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.	3.3	4
92	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> , 2021, 65, 2100071.	3.3	4
93	Adipose Tissue Characteristics Related to Weight Z-Score in Childhood. <i>International Journal of Endocrinology and Metabolism</i> , 2013, 11, 82-7.	1.0	4
94	Influence of Factors Altering Gastric Microbiota on Bariatric Surgery Metabolic Outcomes. <i>Microbiology Spectrum</i> , 2021, 9, e0053521.	3.0	4
95	Differential iNKT and T Cells Activation in Non-Alcoholic Fatty Liver Disease and Drug-Induced Liver Injury. <i>Biomedicines</i> , 2022, 10, 55.	3.2	4
96	Factors determining weight gain in adults and relation with glucose tolerance. <i>Clinical Endocrinology</i> , 2013, 78, 858-864.	2.4	3
97	Particular Characteristics of the Metabolic Syndrome in Patients with Morbid Obesity. <i>Endocrinología Y Nutrición (English Edition)</i> , 2013, 60, 127-135.	0.5	3
98	Iodine Deficiency and Mortality in Spanish Adults: Di@bet.es Study. <i>Thyroid</i> , 2021, 31, 106-114.	4.5	3
99	First isolation of <i>Clostridioides difficile</i> from smoked and dried freshwater fish in Cambodia. <i>Food Control</i> , 2021, 124, 107895.	5.5	3
100	Growth hormone-releasing hormone is produced by adipocytes and regulates lipolysis. <i>Atherosclerosis</i> , 2017, 263, e251.	0.8	2
101	Iodine Deficiency and Hearing Impairment. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019, 145, 94.	2.2	2
102	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.	2.4	2
103	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> , 2022, 9, 867745.	3.7	2
104	Ghrelin levels could be involved in the improvement of insulin resistance after bariatric surgery. <i>Endocrinología Y Nutrición (English Ed)</i> , 2017, 64, 355-362.	0.2	1
105	Effect of hypoxia on scavenger receptors and inflammation in adipocytes. <i>Atherosclerosis</i> , 2017, 263, e251-e252.	0.8	1
106	Different Expression of Duodenal Genes Related to Insulin Resistance Between Nonobese Women and Those with Severe Obesity. <i>Obesity</i> , 2020, 28, 1708-1717.	3.0	1
107	Iodine nutrition in Spain: Future requirements. <i>Endocrinología Y Nutrición (English Ed)</i> , 2020, 67, 61-69.	0.2	1
108	Endoscopic Intra-gastric Injection of Botulinum Toxin A in Obese Patients Accelerates Weight Loss after Bariatric Surgery: Follow-Up of a Randomised Controlled Trial (IntraTox Study). <i>Journal of Clinical Medicine</i> , 2022, 11, 2126.	2.4	1

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109	Evaluation of Adipose Tissue Zinc-Alpha 2-Glycoprotein Gene Expression and Its Relationship with Metabolic Status and Bariatric Surgery Outcomes in Patients with Class III Obesity. <i>Biomedicines</i> , 2022, 10, 1502.	3.2	1
110	Comparing Postcesarean Infectious Complication Rates Using Two Different Skin Preparations. <i>Obstetrics and Gynecology</i> , 2011, 118, 1418.	2.4	0
111	Extra virgin olive oil is associated with a better antiatherosclerotic profile than sunflower oil. <i>Atherosclerosis</i> , 2017, 263, e205-e206.	0.8	0
112	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.	0.8	0
113	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.	0.8	0
114	Iodine and Adipocytokines. , 2017, , 151-157.		0
115	Variables Associated with Short-Term Weight Loss in a Cohort of Patients with Morbid Obesity According to Age and Three Types of Bariatric Surgery. <i>Journal of Clinical Medicine</i> , 2020, 9, 3537.	2.4	0
116	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> , 2022, 10, 1024.	3.2	0