

# Beatriz Ramirez

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

3,845  
citations

156536  
32  
h-index

139680  
61  
g-index

67  
all docs

67  
docs citations

67  
times ranked

6877  
citing authors

#	ARTICLE	IF	CITATIONS
1	Body mass index classification misses subjects with increased cardiometabolic risk factors related to elevated adiposity. <i>International Journal of Obesity</i> , 2012, 36, 286-294.	1.6	427
2	Body Adiposity and Type 2 Diabetes: Increased Risk With a High Body Fat Percentage Even Having a Normal BMI. <i>Obesity</i> , 2011, 19, 1439-1444.	1.5	202
3	Plasma Osteopontin Levels and Expression in Adipose Tissue Are Increased in Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3719-3727.	1.8	183
4	Clinical Usefulness of a New Equation for Estimating Body Fat. <i>Diabetes Care</i> , 2012, 35, 383-388.	4.3	177
5	Increased adipose tissue expression of lipocalin-2 in obesity is related to inflammation and matrix metalloproteinase-2 and metalloproteinase-9 activities in humans. <i>Journal of Molecular Medicine</i> , 2009, 87, 803-813.	1.7	176
6	Proinflammatory Cytokines in Obesity: Impact of Type 2 Diabetes Mellitus and Gastric Bypass. <i>Obesity Surgery</i> , 2007, 17, 1464-1474.	1.1	165
7	Circulating Betatrophin Concentrations Are Decreased in Human Obesity and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2004-E2009.	1.8	157
8	Involvement of the leptin-adiponectin axis in inflammation and oxidative stress in the metabolic syndrome. <i>Scientific Reports</i> , 2017, 7, 6619.	1.6	140
9	Adiponectin-leptin Ratio is a Functional Biomarker of Adipose Tissue Inflammation. <i>Nutrients</i> , 2019, 11, 454.	1.7	139
10	Leptin Administration Favors Muscle Mass Accretion by Decreasing FoxO3a and Increasing PGC-1 $\alpha$ in ob/ob Mice. <i>PLoS ONE</i> , 2009, 4, e6808.	1.1	118
11	Increased Cardiometabolic Risk Factors and Inflammation in Adipose Tissue in Obese Subjects Classified as Metabolically Healthy. <i>Diabetes Care</i> , 2014, 37, 2813-2821.	4.3	116
12	Increased Levels of Calprotectin in Obesity Are Related to Macrophage Content: Impact on Inflammation and Effect of Weight Loss. <i>Molecular Medicine</i> , 2011, 17, 1157-1167.	1.9	105
13	Activation of Noncanonical Wnt Signaling Through WNT5A in Visceral Adipose Tissue of Obese Subjects Is Related to Inflammation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1407-E1417.	1.8	98
14	Leptin administration activates irisin-induced myogenesis via nitric oxide-dependent mechanisms, but reduces its effect on subcutaneous fat browning in mice. <i>International Journal of Obesity</i> , 2015, 39, 397-407.	1.6	98
15	NLRP3 inflammasome blockade reduces adipose tissue inflammation and extracellular matrix remodeling. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1045-1057.	4.8	81
16	Involvement of serum vascular endothelial growth factor family members in the development of obesity in mice and humans. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 774-780.	1.9	71
17	Increased Tenascin C And Toll-Like Receptor 4 Levels in Visceral Adipose Tissue as a Link between Inflammation and Extracellular Matrix Remodeling in Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1880-E1889.	1.8	69
18	Osteopontin Deletion Prevents the Development of Obesity and Hepatic Steatosis via Impaired Adipose Tissue Matrix Remodeling and Reduced Inflammation and Fibrosis in Adipose Tissue and Liver in Mice. <i>PLoS ONE</i> , 2014, 9, e98398.	1.1	68

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19	Serum retinolâ€binding protein 4 is not increased in obesity or obesityâ€associated type 2 diabetes mellitus, but is reduced after relevant reductions in body fat following gastric bypass. <i>Clinical Endocrinology</i> , 2008, 69, 208-215.	1.2	66
20	Increased Circulating and Visceral Adipose Tissue Expression Levels of YKL-40 in Obesity-Associated Type 2 Diabetes Are Related to Inflammation: Impact of Conventional Weight Loss and Gastric Bypass. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 200-209.	1.8	65
21	Increased levels of chemerin and its receptor, chemokine-like receptor-1, in obesity are related to inflammation: tumor necrosis factor-1 $\alpha$ stimulates mRNA levels of chemerin in visceral adipocytes from obese patients. <i>Surgery for Obesity and Related Diseases</i> , 2013, 9, 306-314.	1.0	61
22	Effects of physical exercise on myokines expression and brown adipose-like phenotype modulation in rats fed a high-fat diet. <i>Life Sciences</i> , 2016, 165, 100-108.	2.0	60
23	Up-regulation of the novel proinflammatory adipokines lipocalin-2, chitinase-3 like-1 and osteopontin as well as angiogenic-related factors in visceral adipose tissue of patients with colon cancer. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 634-641.	1.9	57
24	Association of increased Visfatin/PBEF/NAMPT circulating concentrations and gene expression levels in peripheral blood cells with lipid metabolism and fatty liver in human morbid obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 21, 245-53.	1.1	48
25	Deletion of Inducible Nitric-Oxide Synthase in Leptin-Deficient Mice Improves Brown Adipose Tissue Function. <i>PLoS ONE</i> , 2010, 5, e10962.	1.1	46
26	Normalization of adiponectin concentrations by leptin replacement in ob/ob mice is accompanied by reductions in systemic oxidative stress and inflammation. <i>Scientific Reports</i> , 2017, 7, 2752.	1.6	45
27	Peripheral mononuclear blood cells contribute to the obesity-associated inflammatory state independently of glycemic status: involvement of the novel proinflammatory adipokines chemerin, chitinase-3-like protein 1, lipocalin-2 and osteopontin. <i>Genes and Nutrition</i> , 2015, 10, 460.	1.2	44
28	Clinical usefulness of abdominal bioimpedance (ViScan) in the determination of visceral fat and its application in the diagnosis and management of obesity and its comorbidities. <i>Clinical Nutrition</i> , 2018, 37, 580-589.	2.3	41
29	Short-Term Effects of Sleeve Gastrectomy and Caloric Restriction on Blood Pressure in Diet-Induced Obese Rats. <i>Obesity Surgery</i> , 2012, 22, 1481-1490.	1.1	40
30	Functional Relationship between Leptin and Nitric Oxide in Metabolism. <i>Nutrients</i> , 2019, 11, 2129.	1.7	40
31	Expression of S6K1 in human visceral adipose tissue is upregulated in obesity and related to insulin resistance and inflammation. <i>Acta Diabetologica</i> , 2015, 52, 257-266.	1.2	37
32	Altered Concentrations in Dyslipidemia Evidence a Role for ANGPTL8/Betatrophin in Lipid Metabolism in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3803-3811.	1.8	37
33	Leptin Administration Downregulates the Increased Expression Levels of Genes Related to Oxidative Stress and Inflammation in the Skeletal Muscle of ob/ob Mice. <i>Mediators of Inflammation</i> , 2010, 2010, 1-15.	1.4	33
34	Increased Interleukin-32 Levels in Obesity Promote Adipose Tissue Inflammation and Extracellular Matrix Remodeling: Effect of Weight Loss. <i>Diabetes</i> , 2016, 65, 3636-3648.	0.3	31
35	Novel protective role of kallistatin in obesity by limiting adipose tissue low grade inflammation and oxidative stress. <i>Metabolism: Clinical and Experimental</i> , 2018, 87, 123-135.	1.5	28
36	Increase of the Adiponectin/Leptin Ratio in Patients with Obesity and Type 2 Diabetes after Roux-en-Y Gastric Bypass. <i>Nutrients</i> , 2019, 11, 2069.	1.7	28

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37	Physical exercise remodels visceral adipose tissue and mitochondrial lipid metabolism in rats fed a high-fat diet. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 386-394.	0.9	27
38	Six-transmembrane epithelial antigen of prostate 4 and neutrophil gelatinase-associated lipocalin expression in visceral adipose tissue is related to iron status and inflammation in human obesity. <i>European Journal of Nutrition</i> , 2013, 52, 1587-1595.	1.8	26
39	Sleeve Gastrectomy Reduces Hepatic Steatosis by Improving the Coordinated Regulation of Aquaglyceroporins in Adipose Tissue and Liver in Obese Rats. <i>Obesity Surgery</i> , 2015, 25, 1723-1734.	1.1	26
40	IL-32-induced inflammation constitutes a link between obesity and colon cancer. <i>Oncolmmunology</i> , 2017, 6, e1328338.	2.1	26
41	Dermatopontin, A Novel Adipokine Promoting Adipose Tissue Extracellular Matrix Remodelling and Inflammation in Obesity. <i>Journal of Clinical Medicine</i> , 2020, 9, 1069.	1.0	26
42	Leptin Reduces the Expression and Increases the Phosphorylation of the Negative Regulators of GLUT4 Traffic TBC1D1 and TBC1D4 in Muscle of ob/ob Mice. <i>PLoS ONE</i> , 2012, 7, e29389.	1.1	25
43	Sleeve Gastrectomy Induces Weight Loss in Diet-Induced Obese Rats Even if High-Fat Feeding Is Continued. <i>Obesity Surgery</i> , 2011, 21, 1438-1443.	1.1	23
44	Circulating ANGPTL8/Betatrophin Concentrations Are Increased After Surgically Induced Weight Loss, but Not After Diet-Induced Weight Loss. <i>Obesity Surgery</i> , 2016, 26, 1881-1889.	1.1	22
45	Increased Obesity-Associated Circulating Levels of the Extracellular Matrix Proteins Osteopontin, Chitinase-3 Like-1 and Tenascin C Are Associated with Colon Cancer. <i>PLoS ONE</i> , 2016, 11, e0162189.	1.1	19
46	Circulating GDF11 levels are decreased with age but are unchanged with obesity and type 2 diabetes. <i>Aging</i> , 2019, 11, 1733-1744.	1.4	19
47	Sleeve Gastrectomy Reduces Body Weight and Improves Metabolic Profile also in Obesity-Prone Rats. <i>Obesity Surgery</i> , 2016, 26, 1537-1548.	1.1	18
48	Transcriptional analysis of brown adipose tissue in leptin-deficient mice lacking inducible nitric oxide synthase: evidence of the role of Med1 in energy balance. <i>Physiological Genomics</i> , 2012, 44, 678-688.	1.0	16
49	Comparative effects of gastric bypass and sleeve gastrectomy on plasma osteopontin concentrations in humans. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014, 28, 2412-2420.	1.3	16
50	Short- and Long-Term Changes in Gastric Morphology and Histopathology Following Sleeve Gastrectomy in Diet-Induced Obese Rats. <i>Obesity Surgery</i> , 2012, 22, 634-640.	1.1	15
51	Sleeve Gastrectomy Reduces Blood Pressure in Obese (fa/fa) Zucker Rats. <i>Obesity Surgery</i> , 2012, 22, 309-315.	1.1	15
52	iNOS Gene Ablation Prevents Liver Fibrosis in Leptin-Deficient ob/ob Mice. <i>Genes</i> , 2019, 10, 184.	1.0	12
53	Decreased Levels of Microfibril-Associated Glycoprotein (MAGP)-1 in Patients with Colon Cancer and Obesity Are Associated with Changes in Extracellular Matrix Remodelling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8485.	1.8	12
54	Sleeve Gastrectomy Decreases Body Weight, Whole-Body Adiposity, and Blood Pressure Even in Aged Diet-Induced Obese Rats. <i>Obesity Surgery</i> , 2016, 26, 1549-1558.	1.1	11

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55	Serum Levels of IL-1 RA Increase with Obesity and Type 2 Diabetes in Relation to Adipose Tissue Dysfunction and are Reduced After Bariatric Surgery in Parallel to Adiposity. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 1331-1345.	1.6	11
56	Effect of Sleeve Gastrectomy on Osteopontin Circulating Levels and Expression in Adipose Tissue and Liver in Rats. <i>Obesity Surgery</i> , 2014, 24, 1702-1708.	1.1	10
57	Expression of Syntaxin 8 in Visceral Adipose Tissue Is Increased in Obese Patients with Type 2 Diabetes and Related to Markers of Insulin Resistance and Inflammation. <i>Archives of Medical Research</i> , 2015, 46, 47-53.	1.5	10
58	GLP-1 Limits Adipocyte Inflammation and Its Low Circulating Pre-Operative Concentrations Predict Worse Type 2 Diabetes Remission after Bariatric Surgery in Obese Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 479.	1.0	10
59	The Differential Expression of the Inflammasomes in Adipose Tissue and Colon Influences the Development of Colon Cancer in a Context of Obesity by Regulating Intestinal Inflammation. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 6431-6446.	1.6	9
60	Cardiometabolic Profile Related to Body Adiposity Identifies Patients Eligible for Bariatric Surgery More Accurately than BMI. <i>Obesity Surgery</i> , 2015, 25, 1594-1603.	1.1	8
61	Increased Levels of Interleukin-36 in Obesity and Type 2 Diabetes Fuel Adipose Tissue Inflammation by Inducing Its Own Expression and Release by Adipocytes and Macrophages. <i>Frontiers in Immunology</i> , 2022, 13, 832185.	2.2	8
62	Circulating Concentrations of GDF11 are Positively Associated with TSH Levels in Humans. <i>Journal of Clinical Medicine</i> , 2019, 8, 878.	1.0	7
63	Gastric Plication Improves Glycemia Partly by Restoring the Altered Expression of Aquaglyceroporins in Adipose Tissue and the Liver in Obese Rats. <i>Obesity Surgery</i> , 2017, 27, 1763-1774.	1.1	6
64	Changes in mechanical properties of adipose tissue after bariatric surgery driven by extracellular matrix remodelling and neovascularization are associated with metabolic improvements. <i>Acta Biomaterialia</i> , 2022, , .	4.1	6
65	Efecto vasodilatador de la ghrelina en la aorta de rata. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2008, 55, 448-453.	0.8	5
66	High plasma and lingual uroguanylin as potential contributors to changes in food preference after sleeve gastrectomy. <i>Metabolism: Clinical and Experimental</i> , 2022, 128, 155119.	1.5	4
67	Comment on "Short-Term Effects of Sleeve Gastrectomy and Caloric Restriction on Blood Pressure in Diet-Induced Obese Rats". <i>Obesity Surgery</i> , 2012, 22, 1786-1787.	1.1	0