

# Beatriz Ramirez

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65

papers

2,911

citations

30

h-index

53

g-index

67

ext. papers

3,407

ext. citations

5.3

avg, IF

4.58

L-index

#	Paper	IF	Citations
65	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> , <b>2022</b> , 13, 832185	8.4	2
64	High plasma and lingual uroguanylin as potential contributors to changes in food preference after sleeve gastrectomy.. <i>Metabolism: Clinical and Experimental</i> , <b>2022</b> , 128, 155119	12.7	0
63	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> , <b>2022</b> , 15, 1331-1345	4.8	1
62	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> , <b>2021</b> , 14, 6431-6446	4.8	3
61	NLRP3 inflammasome blockade reduces adipose tissue inflammation and extracellular matrix remodeling. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 1045-1057	15.4	30
60	Dermatopontin, A Novel Adipokine Promoting Adipose Tissue Extracellular Matrix Remodelling and Inflammation in Obesity. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	8
59	Increase of the Adiponectin/Leptin Ratio in Patients with Obesity and Type 2 Diabetes after Roux-en-Y Gastric Bypass. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	14
58	Functional Relationship between Leptin and Nitric Oxide in Metabolism. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	25
57	Gene Ablation Prevents Liver Fibrosis in Leptin-Deficient Mice. <i>Genes</i> , <b>2019</b> , 10,	4.2	6
56	Adiponectin-leptin Ratio is a Functional Biomarker of Adipose Tissue Inflammation. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	60
55	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> , <b>2019</b> , 8,	5.1	7
54	Circulating Concentrations of GDF11 are Positively Associated with TSH Levels in Humans. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	6
53	Circulating GDF11 levels are decreased with age but are unchanged with obesity and type 2 diabetes. <i>Aging</i> , <b>2019</b> , 11, 1733-1744	5.6	11
52	Novel protective role of kallistatin in obesity by limiting adipose tissue low grade inflammation and oxidative stress. <i>Metabolism: Clinical and Experimental</i> , <b>2018</b> , 87, 123-135	12.7	13
51	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> , <b>2018</b> , 37, 580-589	5.9	33
50	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> , <b>2017</b> , 27, 1763-1774	3.7	4
49	IL-32-induced inflammation constitutes a link between obesity and colon cancer. <i>Oncolimmunology</i> , <b>2017</b> , 6, e1328338	7.2	20

48	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> , <b>2017</b> , 7, 2752	4.9	37
47	Involvement of the leptin-adiponectin axis in inflammation and oxidative stress in the metabolic syndrome. <i>Scientific Reports</i> , <b>2017</b> , 7, 6619	4.9	100
46	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> , <b>2017</b> , 44, 386-394	3	21
45	Sleeve Gastrectomy Reduces Body Weight and Improves Metabolic Profile also in Obesity-Prone Rats. <i>Obesity Surgery</i> , <b>2016</b> , 26, 1537-48	3.7	11
44	Increased Interleukin-32 Levels in Obesity Promote Adipose Tissue Inflammation and Extracellular Matrix Remodeling: Effect of Weight Loss. <i>Diabetes</i> , <b>2016</b> , 65, 3636-3648	0.9	26
43	Circulating ANGPTL8/Betatrophin Concentrations Are Increased After Surgically Induced Weight Loss, but Not After Diet-Induced Weight Loss. <i>Obesity Surgery</i> , <b>2016</b> , 26, 1881-9	3.7	18
42	Sleeve Gastrectomy Decreases Body Weight, Whole-Body Adiposity, and Blood Pressure Even in Aged Diet-Induced Obese Rats. <i>Obesity Surgery</i> , <b>2016</b> , 26, 1549-58	3.7	10
41	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> , <b>2016</b> , 11, e0162189	3.7	14
40	Effects of physical exercise on myokines expression and brown adipose-like phenotype modulation in rats fed a high-fat diet. <i>Life Sciences</i> , <b>2016</b> , 165, 100-108	6.8	45
39	Altered Concentrations in Dyslipidemia Evidence a Role for ANGPTL8/Betatrophin in Lipid Metabolism in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3803-3811	5.6	32
38	Expression of S6K1 in human visceral adipose tissue is upregulated in obesity and related to insulin resistance and inflammation. <i>Acta Diabetologica</i> , <b>2015</b> , 52, 257-66	3.9	27
37	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> , <b>2015</b> , 46, 47-53	6.6	8
36	Sleeve Gastrectomy Reduces Hepatic Steatosis by Improving the Coordinated Regulation of Aquaglyceroporins in Adipose Tissue and Liver in Obese Rats. <i>Obesity Surgery</i> , <b>2015</b> , 25, 1723-34	3.7	23
35	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> , <b>2015</b> , 10, 460	4.3	33
34	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> , <b>2015</b> , 39, 397-407	5.5	82
33	Cardiometabolic Profile Related to Body Adiposity Identifies Patients Eligible for Bariatric Surgery More Accurately than BMI. <i>Obesity Surgery</i> , <b>2015</b> , 25, 1594-603	3.7	7
32	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> , <b>2014</b> , 99, E1407-17	5.6	85
31	Increased cardiometabolic risk factors and inflammation in adipose tissue in obese subjects classified as metabolically healthy. <i>Diabetes Care</i> , <b>2014</b> , 37, 2813-21	14.6	97

30	Circulating betatrophin concentrations are decreased in human obesity and type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E2004-9	5.6	133
29	Comparative effects of gastric bypass and sleeve gastrectomy on plasma osteopontin concentrations in humans. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2014</b> , 28, 2412-20	5.2	13
28	Effect of sleeve gastrectomy on osteopontin circulating levels and expression in adipose tissue and liver in rats. <i>Obesity Surgery</i> , <b>2014</b> , 24, 1702-8	3.7	9
27	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> , <b>2014</b> , 9, e98398	3.7	55
26	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> , <b>2013</b> , 52, 1587-95	5.2	23
25	Increased levels of chemerin and its receptor, chemokine-like receptor-1, in obesity are related to inflammation: tumor necrosis factor- $\beta$ stimulates mRNA levels of chemerin in visceral adipocytes from obese patients. <i>Surgery for Obesity and Related Diseases</i> , <b>2013</b> , 9, 306-14	3	49
24	Sleeve gastrectomy reduces blood pressure in obese (fa/fa) Zucker rats. <i>Obesity Surgery</i> , <b>2012</b> , 22, 309-15	5.7	14
23	Clinical usefulness of a new equation for estimating body fat. <i>Diabetes Care</i> , <b>2012</b> , 35, 383-8	14.6	119
22	Short-term effects of sleeve gastrectomy and caloric restriction on blood pressure in diet-induced obese rats. <i>Obesity Surgery</i> , <b>2012</b> , 22, 1481-90	3.7	34
21	Comment on Short-Term Effects of Sleeve Gastrectomy and Caloric Restriction on Blood Pressure in Diet-Induced Obese Rats <i>Obesity Surgery</i> , <b>2012</b> , 22, 1786-1787	3.7	
20	Short- and long-term changes in gastric morphology and histopathology following sleeve gastrectomy in diet-induced obese rats. <i>Obesity Surgery</i> , <b>2012</b> , 22, 634-40	3.7	15
19	Body mass index classification misses subjects with increased cardiometabolic risk factors related to elevated adiposity. <i>International Journal of Obesity</i> , <b>2012</b> , 36, 286-94	5.5	329
18	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> , <b>2012</b> , 44, 678-88	3.6	15
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> , <b>2012</b> , 97, E1880-9	5.6	50
16	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> , <b>2012</b> , 7, e29389	3.7	22
15	Increased levels of calprotectin in obesity are related to macrophage content: impact on inflammation and effect of weight loss. <i>Molecular Medicine</i> , <b>2011</b> , 17, 1157-67	6.2	77
14	Body adiposity and type 2 diabetes: increased risk with a high body fat percentage even having a normal BMI. <i>Obesity</i> , <b>2011</b> , 19, 1439-44	8	156
13	Sleeve gastrectomy induces weight loss in diet-induced obese rats even if high-fat feeding is continued. <i>Obesity Surgery</i> , <b>2011</b> , 21, 1438-43	3.7	16

12	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> , <b>2011</b> , 21, 245-53	4.5	42
11	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> , <b>2011</b> , 22, 634-41	6.3	46
10	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> , <b>2011</b> , 96, 200-9	5.6	58
9	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> , <b>2010</b> , 2010, 784343	4.3	29
8	Involvement of serum vascular endothelial growth factor family members in the development of obesity in mice and humans. <i>Journal of Nutritional Biochemistry</i> , <b>2010</b> , 21, 774-80	6.3	57
7	Deletion of inducible nitric-oxide synthase in leptin-deficient mice improves brown adipose tissue function. <i>PLoS ONE</i> , <b>2010</b> , 5, e10962	3.7	40
6	Leptin administration favors muscle mass accretion by decreasing FoxO3a and increasing PGC-1alpha in ob/ob mice. <i>PLoS ONE</i> , <b>2009</b> , 4, e6808	3.7	103
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> , <b>2009</b> , 87, 803-13	5.5	139
4	Serum retinol-binding protein 4 is not increased in obesity or obesity-associated type 2 diabetes mellitus, but is reduced after relevant reductions in body fat following gastric bypass. <i>Clinical Endocrinology</i> , <b>2008</b> , 69, 208-15	3.4	56
3	Vasodilator effect of ghrelin in the rat aorta. <i>Endocrinología Y Nutrición: Organo De La Sociedad Espanola De Endocrinología Y Nutrición</i> , <b>2008</b> , 55, 448-53		4
2	Proinflammatory cytokines in obesity: impact of type 2 diabetes mellitus and gastric bypass. <i>Obesity Surgery</i> , <b>2007</b> , 17, 1464-74	3.7	137
1	Plasma osteopontin levels and expression in adipose tissue are increased in obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 3719-27	5.6	152