

Beatriz Ramirez

List of Publications by Year in descending order

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67
papers

3,845
citations

136950
32
h-index

123424
61
g-index

67
all docs

67
docs citations

67
times ranked

6447
citing authors

#	ARTICLE	IF	CITATIONS
1	Body mass index classification misses subjects with increased cardiometabolic risk factors related to elevated adiposity. International Journal of Obesity, 2012, 36, 286-294.	3.4	427
2	Body Adiposity and Type 2 Diabetes: Increased Risk With a High Body Fat Percentage Even Having a Normal BMI. Obesity, 2011, 19, 1439-1444.	3.0	202
3	Plasma Osteopontin Levels and Expression in Adipose Tissue Are Increased in Obesity. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3719-3727.	3.6	183
4	Clinical Usefulness of a New Equation for Estimating Body Fat. Diabetes Care, 2012, 35, 383-388.	8.6	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. Journal of Molecular Medicine, 2009, 87, 803-813.	3.9	176
6	Proinflammatory Cytokines in Obesity: Impact of Type 2 Diabetes Mellitus and Gastric Bypass. Obesity Surgery, 2007, 17, 1464-1474.	2.1	165
7	Circulating Betatrophin Concentrations Are Decreased in Human Obesity and Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2004-E2009.	3.6	157
8	Involvement of the leptin-adiponectin axis in inflammation and oxidative stress in the metabolic syndrome. Scientific Reports, 2017, 7, 6619.	3.3	140
9	Adiponectin-leptin Ratio is a Functional Biomarker of Adipose Tissue Inflammation. Nutrients, 2019, 11, 454.	4.1	139
10	Leptin Administration Favors Muscle Mass Accretion by Decreasing FoxO3a and Increasing PGC-1 α in ob/ob Mice. PLoS ONE, 2009, 4, e6808.	2.5	118
11	Increased Cardiometabolic Risk Factors and Inflammation in Adipose Tissue in Obese Subjects Classified as Metabolically Healthy. Diabetes Care, 2014, 37, 2813-2821.	8.6	116
12	Increased Levels of Calprotectin in Obesity Are Related to Macrophage Content: Impact on Inflammation and Effect of Weight Loss. Molecular Medicine, 2011, 17, 1157-1167.	4.4	105
13	Activation of Noncanonical Wnt Signaling Through WNT5A in Visceral Adipose Tissue of Obese Subjects Is Related to Inflammation. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1407-E1417.	3.6	98
14	Leptin administration activates irisin-induced myogenesis via nitric oxide-dependent mechanisms, but reduces its effect on subcutaneous fat browning in mice. International Journal of Obesity, 2015, 39, 397-407.	3.4	98
15	NLRP3 inflammasome blockade reduces adipose tissue inflammation and extracellular matrix remodeling. Cellular and Molecular Immunology, 2021, 18, 1045-1057.	10.5	81
16	Involvement of serum vascular endothelial growth factor family members in the development of obesity in mice and humans. Journal of Nutritional Biochemistry, 2010, 21, 774-780.	4.2	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. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1880-E1889.	3.6	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. PLoS ONE, 2014, 9, e98398.	2.5	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. Clinical Endocrinology, 2008, 69, 208-215.	2.4	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. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 200-209.	3.6	65
21	Increased levels of chemerin and its receptor, chemokine-like receptor-1, in obesity are related to inflammation: tumor necrosis factor-Î± stimulates mRNA levels of chemerin in visceral adipocytes from obese patients. Surgery for Obesity and Related Diseases, 2013, 9, 306-314.	1.2	61
22	Effects of physical exercise on myokines expression and brown adipose-like phenotype modulation in rats fed a high-fat diet. Life Sciences, 2016, 165, 100-108.	4.3	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. Journal of Nutritional Biochemistry, 2011, 22, 634-641.	4.2	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. Nutrition, Metabolism and Cardiovascular Diseases, 2010, 21, 245-53.	2.6	48
25	Deletion of Inducible Nitric-Oxide Synthase in Leptin-Deficient Mice Improves Brown Adipose Tissue Function. PLoS ONE, 2010, 5, e10962.	2.5	46
26	Normalization of adiponectin concentrations by leptin replacement in ob/ob mice is accompanied by reductions in systemic oxidative stress and inflammation. Scientific Reports, 2017, 7, 2752.	3.3	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. Genes and Nutrition, 2015, 10, 460.	2.5	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. Clinical Nutrition, 2018, 37, 580-589.	5.0	41
29	Short-Term Effects of Sleeve Gastrectomy and Caloric Restriction on Blood Pressure in Diet-Induced Obese Rats. Obesity Surgery, 2012, 22, 1481-1490.	2.1	40
30	Functional Relationship between Leptin and Nitric Oxide in Metabolism. Nutrients, 2019, 11, 2129.	4.1	40
31	Expression of S6K1 in human visceral adipose tissue is upregulated in obesity and related to insulin resistance and inflammation. Acta Diabetologica, 2015, 52, 257-266.	2.5	37
32	Altered Concentrations in Dyslipidemia Evidence a Role for ANGPTL8/Betatrophin in Lipid Metabolism in Humans. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3803-3811.	3.6	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. Mediators of Inflammation, 2010, 2010, 1-15.	3.0	33
34	Increased Interleukin-32 Levels in Obesity Promote Adipose Tissue Inflammation and Extracellular Matrix Remodeling: Effect of Weight Loss. Diabetes, 2016, 65, 3636-3648.	0.6	31
35	Novel protective role of kallistatin in obesity by limiting adipose tissue low grade inflammation and oxidative stress. Metabolism: Clinical and Experimental, 2018, 87, 123-135.	3.4	28
36	Increase of the Adiponectin/Leptin Ratio in Patients with Obesity and Type 2 Diabetes after Roux-en-Y Gastric Bypass. Nutrients, 2019, 11, 2069.	4.1	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.	1.9	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.	3.9	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.	2.1	26
40	IL-32 α -induced inflammation constitutes a link between obesity and colon cancer. <i>Oncolmunology</i> , 2017, 6, e1328338.	4.6	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.	2.4	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.	2.5	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.	2.1	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.	2.1	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.	2.5	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.	3.1	19
47	Sleeve Gastrectomy Reduces Body Weight and Improves Metabolic Profile also in Obesity-Prone Rats. <i>Obesity Surgery</i> , 2016, 26, 1537-1548.	2.1	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.	2.3	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.	2.4	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.	2.1	15
51	Sleeve Gastrectomy Reduces Blood Pressure in Obese (fa/fa) Zucker Rats. <i>Obesity Surgery</i> , 2012, 22, 309-315.	2.1	15
52	iNOS Gene Ablation Prevents Liver Fibrosis in Leptin-Deficient ob/ob Mice. <i>Genes</i> , 2019, 10, 184.	2.4	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.	4.1	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.	2.1	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. Journal of Inflammation Research, 2022, Volume 15, 1331-1345.	3.5	11
56	Effect of Sleeve Gastrectomy on Osteopontin Circulating Levels and Expression in Adipose Tissue and Liver in Rats. Obesity Surgery, 2014, 24, 1702-1708.	2.1	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. Archives of Medical Research, 2015, 46, 47-53.	3.3	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. Journal of Clinical Medicine, 2019, 8, 479.	2.4	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. Journal of Inflammation Research, 2021, Volume 14, 6431-6446.	3.5	9
60	Cardiometabolic Profile Related to Body Adiposity Identifies Patients Eligible for Bariatric Surgery More Accurately than BMI. Obesity Surgery, 2015, 25, 1594-1603.	2.1	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. Frontiers in Immunology, 2022, 13, 832185.	4.8	8
62	Circulating Concentrations of GDF11 are Positively Associated with TSH Levels in Humans. Journal of Clinical Medicine, 2019, 8, 878.	2.4	7
63	Gastric Plication Improves Glycemia Partly by Restoring the Altered Expression of Aquaglyceroporins in Adipose Tissue and the Liver in Obese Rats. Obesity Surgery, 2017, 27, 1763-1774.	2.1	6
64	Changes in mechanical properties of adipose tissue after bariatric surgery driven by extracellular matrix remodelling and neovascularization are associated with metabolic improvements. Acta Biomaterialia, 2022, , .	8.3	6
65	Efecto vasodilatador de la ghrelina en la aorta de rata. Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion, 2008, 55, 448-453.	0.8	5
66	High plasma and lingual uroguanylin as potential contributors to changes in food preference after sleeve gastrectomy. Metabolism: Clinical and Experimental, 2022, 128, 155119.	3.4	4
67	Comment on “Short-Term Effects of Sleeve Gastrectomy and Caloric Restriction on Blood Pressure in Diet-Induced Obese Rats” Obesity Surgery, 2012, 22, 1786-1787.	2.1	0