

# Sara Becerril

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,672  
citations

394421

19  
h-index

434195

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2775  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, , .	8.3	6
2	Time to Consider the "Exposome Hypothesis" in the Development of the Obesity Pandemic. <i>Nutrients</i> , 2022, 14, 1597.	4.1	48
3	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
4	Role of ANGPTL8 in NAFLD Improvement after Bariatric Surgery in Experimental and Human Obesity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12945.	4.1	6
5	Aquaporin-11 Contributes to TGF- $\beta$ 1-induced Endoplasmic Reticulum Stress in Human Visceral Adipocytes: Role in Obesity-Associated Inflammation. <i>Cells</i> , 2020, 9, 1403.	4.1	24
6	Adipokine dysregulation and adipose tissue inflammation in human obesity. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12997.	3.4	408
7	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.	2.1	6
8	Acylated and desacyl ghrelin are associated with hepatic lipogenesis, $\beta$ -oxidation and autophagy: role in NAFLD amelioration after sleeve gastrectomy in obese rats. <i>Scientific Reports</i> , 2016, 6, 39942.	3.3	50
9	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.	4.3	60
10	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
11	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
12	Leptin administration restores the altered adipose and hepatic expression of aquaglyceroporins improving the non-alcoholic fatty liver of ob/ob mice. <i>Scientific Reports</i> , 2015, 5, 12067.	3.3	53
13	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
14	Revisiting the adipocyte: a model for integration of cytokine signaling in the regulation of energy metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E691-E714.	3.5	207
15	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
16	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.	2.1	10
17	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.	2.5	68
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> , 2012, 44, 678-688.	2.3	16

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19	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.	2.1	40
20	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
21	Sleeve Gastrectomy Reduces Blood Pressure in Obese (fa/fa) Zucker Rats. <i>Obesity Surgery</i> , 2012, 22, 309-315.	2.1	15
22	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
23	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
24	Association of plasma acylated ghrelin with blood pressure and left ventricular mass in patients with metabolic syndrome. <i>Journal of Hypertension</i> , 2010, 28, 560-567.	0.5	47
25	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, 1-15.	3.0	33
26	Deletion of Inducible Nitric-Oxide Synthase in Leptin-Deficient Mice Improves Brown Adipose Tissue Function. <i>PLoS ONE</i> , 2010, 5, e10962.	2.5	46
27	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.	2.5	118
28	BAT: a new target for human obesity?. <i>Trends in Pharmacological Sciences</i> , 2009, 30, 387-396.	8.7	190
29	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
30	Impaired adiponectin-AMPK signalling in insulin-sensitive tissues of hypertensive rats. <i>Life Sciences</i> , 2008, 83, 540-549.	4.3	43
31	Reduced adipose tissue mass and hypoleptinemia in iNOS deficient mice: effect of LPS on plasma leptin and adiponectin concentrations. <i>FEBS Letters</i> , 2004, 577, 351-356.	2.8	27