

# Sandra LÃ³pez-DomÃ­nguez

## List of Publications by Year in descending order

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38  
papers

939  
citations

567247

15  
h-index

477281

29  
g-index

43  
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43  
docs citations

43  
times ranked

1650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship Between Oxidative Stress, ER Stress, and Inflammation in Type 2 Diabetes: The Battle Continues. <i>Journal of Clinical Medicine</i> , 2019, 8, 1385.	2.4	318
2	The mitochondrial antioxidant SS-31 increases SIRT1 levels and ameliorates inflammation, oxidative stress and leukocyte-endothelium interactions in type 2 diabetes. <i>Scientific Reports</i> , 2018, 8, 15862.	3.3	51
3	Downregulation of miR-31 in Diabetic Nephropathy and its Relationship with Inflammation. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 1005-1014.	1.6	45
4	Does Metformin Protect Diabetic Patients from Oxidative Stress and Leukocyte-Endothelium Interactions?. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 1439-1445.	5.4	44
5	Moderate weight loss attenuates chronic endoplasmic reticulum stress and mitochondrial dysfunction in human obesity. <i>Molecular Metabolism</i> , 2019, 19, 24-33.	6.5	34
6	Screening of <i>Hanseniaspora</i> Strains for the Production of Enzymes with Potential Interest for Winemaking. <i>Fermentation</i> , 2016, 2, 1.	3.0	33
7	Metformin modulates human leukocyte/endothelial cell interactions and proinflammatory cytokines in polycystic ovary syndrome patients. <i>Atherosclerosis</i> , 2015, 242, 167-173.	0.8	30
8	Are Mitochondrial Fusion and Fission Impaired in Leukocytes of Type 2 Diabetic Patients?. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 108-115.	5.4	28
9	Dietary weight loss intervention improves subclinical atherosclerosis and oxidative stress markers in leukocytes of obese humans. <i>International Journal of Obesity</i> , 2019, 43, 2200-2209.	3.4	26
10	The Mitochondrial Antioxidant SS-31 Modulates Oxidative Stress, Endoplasmic Reticulum Stress, and Autophagy in Type 2 Diabetes. <i>Journal of Clinical Medicine</i> , 2019, 8, 1322.	2.4	25
11	Pinitol alleviates systemic inflammatory cytokines in human obesity by a mechanism involving unfolded protein response and sirtuin 1. <i>Clinical Nutrition</i> , 2018, 37, 2036-2044.	5.0	23
12	The Role of Mitochondrial Dynamic Dysfunction in Age-Associated Type 2 Diabetes. <i>World Journal of Men's Health</i> , 2022, 40, 399.	3.3	20
13	Is Autophagy Altered in the Leukocytes of Type 2 Diabetic Patients?. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1050-1056.	5.4	18
14	Obesity impairs leukocyte-endothelium cell interactions and oxidative stress in humans. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12985.	3.4	18
15	Levels of serum retinol-binding protein 4 before and after non-surgical periodontal treatment in lean and obese subjects: An interventional study. <i>Journal of Clinical Periodontology</i> , 2018, 45, 336-344.	4.9	17
16	Effect of Non-Surgical Periodontal Treatment on Oxidative Stress Markers in Leukocytes and Their Interaction with the Endothelium in Obese Subjects with Periodontitis: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2117.	2.4	16
17	Malnutrition impairs mitochondrial function and leukocyte activation. <i>Nutrition Journal</i> , 2019, 18, 89.	3.4	15
18	Testosterone administration increases leukocyte-endothelium interactions and inflammation in transgender men. <i>Fertility and Sterility</i> , 2021, 115, 483-489.	1.0	15

#	ARTICLE	IF	CITATIONS
19	Effect of consumption of a carob pod inositol-enriched beverage on insulin sensitivity and inflammation in middle-aged prediabetic subjects. <i>Food and Function</i> , 2016, 7, 4379-4387.	4.6	14
20	Dietary therapy and non-surgical periodontal treatment in obese patients with chronic periodontitis. <i>Journal of Clinical Periodontology</i> , 2018, 45, 1448-1457.	4.9	14
21	Systemic Oxidative Stress and Visceral Adipose Tissue Mediators of NLRP3 Inflammasome and Autophagy Are Reduced in Obese Type 2 Diabetic Patients Treated with Metformin. <i>Antioxidants</i> , 2020, 9, 892.	5.1	12
22	Chronic periodontitis impairs polymorphonuclear leucocyte-endothelium cell interactions and oxidative stress in humans. <i>Journal of Clinical Periodontology</i> , 2018, 45, 1429-1439.	4.9	11
23	Effect of Roux-en-Y Bariatric Bypass Surgery on Subclinical Atherosclerosis and Oxidative Stress Markers in Leukocytes of Obese Patients: A One-Year Follow-Up Study. <i>Antioxidants</i> , 2020, 9, 734.	5.1	11
24	Relationship between PMN-endothelium interactions, ROS production and Beclin-1 in type 2 diabetes. <i>Redox Biology</i> , 2020, 34, 101563.	9.0	11
25	Does Empagliflozin Modulate Leukocyte-Endothelium Interactions, Oxidative Stress, and Inflammation in Type 2 Diabetes?. <i>Antioxidants</i> , 2021, 10, 1228.	5.1	11
26	Liver prometastatic reaction: Stimulating factors and responsive cancer phenotypes. <i>Seminars in Cancer Biology</i> , 2021, 71, 122-133.	9.6	10
27	Role of Oxidative Stress and Mitochondrial Dysfunction in Skeletal Muscle in Type 2 Diabetic Patients. <i>Current Pharmaceutical Design</i> , 2016, 22, 2650-2656.	1.9	10
28	Mitochondrial Alterations and Enhanced Human Leukocyte/Endothelial Cell Interactions in Type 1 Diabetes. <i>Journal of Clinical Medicine</i> , 2020, 9, 2155.	2.4	9
29	Dynamin-related protein 1 regulates substrate oxidation in skeletal muscle by stabilizing cellular and mitochondrial calcium dynamics. <i>Journal of Biological Chemistry</i> , 2021, 297, 101196.	3.4	8
30	Mitochondrial DNA Haplogroup JT is Related to Impaired Glycaemic Control and Renal Function in Type 2 Diabetic Patients. <i>Journal of Clinical Medicine</i> , 2018, 7, 220.	2.4	7
31	Association between Proinflammatory Markers, Leukocyte-Endothelium Interactions, and Carotid Intima-Media Thickness in Type 2 Diabetes: Role of Glycemic Control. <i>Journal of Clinical Medicine</i> , 2020, 9, 2522.	2.4	7
32	Why mammalian wound-healing researchers may wish to turn to <i>Drosophila</i> as a model. <i>Experimental Dermatology</i> , 2014, 23, 538-542.	2.9	6
33	Characterisation of <i>Hanseniaspora</i> Isolates with Potential Aroma-enhancing Properties in Muscat Wines. <i>South African Journal of Enology and Viticulture</i> , 2016, 35, .	0.4	5
34	Role of Endoplasmic Reticulum and Oxidative Stress Parameters in the Pathophysiology of Disease-Related Malnutrition in Leukocytes of an Outpatient Population. <i>Nutrients</i> , 2019, 11, 1838.	4.1	5
35	Roux-en-Y Gastric Bypass Modulates AMPK, Autophagy and Inflammatory Response in Leukocytes of Obese Patients. <i>Biomedicines</i> , 2022, 10, 430.	3.2	5
36	Atherosclerosis, Mitochondrial Dysfunction and Oxidative Stress: Mitochondria-Targeted Antioxidants as Potential Therapy. , 2016, , 96-135.		3

#	ARTICLE	IF	CITATIONS
37	Impact of Roux-en-Y Gastric Bypass on Mitochondrial Biogenesis and Dynamics in Leukocytes of Obese Women. <i>Antioxidants</i> , 2022, 11, 1302.	5.1	1
38	Empagliflozin Treatment Ameliorates the Inflammatory Profile of type 2 Diabetic Patients and reduce NFkB Expression by Promoting an Antioxidant Response in Leukocytes. <i>Free Radical Biology and Medicine</i> , 2020, 159, S87-S88.	2.9	0