

Susana Rovira-Llopis

List of Publications by Year in descending order

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49
papers

1,916
citations

257101
24
h-index

264894
42
g-index

52
all docs

52
docs citations

52
times ranked

3558
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial dynamics in type 2 diabetes: Pathophysiological implications. <i>Redox Biology</i> , 2017, 11, 637-645.	3.9	403
2	Low testosterone levels are related to oxidative stress, mitochondrial dysfunction and altered subclinical atherosclerotic markers in type 2 diabetic male patients. <i>Free Radical Biology and Medicine</i> , 2017, 108, 155-162.	1.3	84
3	The mitochondria-targeted antioxidant MitoQ modulates oxidative stress, inflammation and leukocyte-endothelium interactions in leukocytes isolated from type 2 diabetic patients. <i>Redox Biology</i> , 2016, 10, 200-205.	3.9	82
4	The SGLT2 Inhibitor Empagliflozin Ameliorates the Inflammatory Profile in Type 2 Diabetic Patients and Promotes an Antioxidant Response in Leukocytes. <i>Journal of Clinical Medicine</i> , 2019, 8, 1814.	1.0	82
5	Insulin Resistance in PCOS Patients Enhances Oxidative Stress and Leukocyte Adhesion: Role of Myeloperoxidase. <i>PLoS ONE</i> , 2016, 11, e0151960.	1.1	76
6	Mitochondria, the NLRP3 Inflammasome, and Sirtuins in Type 2 Diabetes: New Therapeutic Targets Reviewing Editors: Markus Bachschmid, Dylan Burger, Vittorio Calabrese, Amadou Camara, Lukas Kubala, Giuseppe Poli, and Chandan K. Sen. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 749-791.	2.5	74
7	Mitochondrial Dysfunction and Antioxidant Therapy in Sepsis. <i>Infectious Disorders - Drug Targets</i> , 2012, 12, 161-178.	0.4	71
8	Human Leukocyte/Endothelial Cell Interactions and Mitochondrial Dysfunction in Type 2 Diabetic Patients and Their Association With Silent Myocardial Ischemia. <i>Diabetes Care</i> , 2013, 36, 1695-1702.	4.3	63
9	Metabolic syndrome enhances endoplasmic reticulum, oxidative stress and leukocyte-endothelium interactions in PCOS. <i>Metabolism: Clinical and Experimental</i> , 2017, 71, 153-162.	1.5	58
10	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.	1.6	51
11	Is Myeloperoxidase a Key Component in the ROS-Induced Vascular Damage Related to Nephropathy in Type 2 Diabetes?. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1452-1458.	2.5	50
12	Downregulation of miR-31 in Diabetic Nephropathy and its Relationship with Inflammation. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 1005-1014.	1.1	45
13	Does Metformin Protect Diabetic Patients from Oxidative Stress and Leukocyte-Endothelium Interactions?. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 1439-1445.	2.5	44
14	Mitochondrial Dysfunction and Endoplasmic Reticulum Stress in Diabetes. <i>Current Pharmaceutical Design</i> , 2016, 22, 2640-2649.	0.9	41
15	Plasma lipidomics discloses metabolic syndrome with a specific HDL phenotype. <i>FASEB Journal</i> , 2014, 28, 5163-5171.	0.2	40
16	Perspectives and Potential Applications of Mitochondria-Targeted Antioxidants in Cardiometabolic Diseases and Type 2 Diabetes. <i>Medicinal Research Reviews</i> , 2014, 34, 160-189.	5.0	40
17	Effects of metformin on mitochondrial function of leukocytes from polycystic ovary syndrome patients with insulin resistance. <i>European Journal of Endocrinology</i> , 2015, 173, 683-691.	1.9	37
18	The Mitochondria-Targeted Antioxidant MitoQ Modulates Mitochondrial Function and Endoplasmic Reticulum Stress in Pancreatic β Cells Exposed to Hyperglycaemia. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 186-197.	1.1	35

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19	Moderate weight loss attenuates chronic endoplasmic reticulum stress and mitochondrial dysfunction in human obesity. <i>Molecular Metabolism</i> , 2019, 19, 24-33.	3.0	34
20	Oxidative and endoplasmic reticulum stress is impaired in leukocytes from metabolically unhealthy vs healthy obese individuals. <i>International Journal of Obesity</i> , 2017, 41, 1556-1563.	1.6	33
21	Association of Serum Retinol Binding Protein 4 with Atherogenic Dyslipidemia in Morbid Obese Patients. <i>PLoS ONE</i> , 2013, 8, e78670.	1.1	32
22	Metformin modulates human leukocyte/endothelial cell interactions and proinflammatory cytokines in polycystic ovary syndrome patients. <i>Atherosclerosis</i> , 2015, 242, 167-173.	0.4	30
23	Is Glycemic Control Modulating Endoplasmic Reticulum Stress in Leukocytes of Type 2 Diabetic Patients?. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1759-1765.	2.5	29
24	Are Mitochondrial Fusion and Fission Impaired in Leukocytes of Type 2 Diabetic Patients?. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 108-115.	2.5	28
25	Altered Mitochondrial Function and Oxidative Stress in Leukocytes of Anorexia Nervosa Patients. <i>PLoS ONE</i> , 2014, 9, e106463.	1.1	26
26	Lipidomics reveals altered biosynthetic pathways of glycerophospholipids and cell signaling as biomarkers of the polycystic ovary syndrome. <i>Oncotarget</i> , 2018, 9, 4522-4536.	0.8	26
27	Metformin induces lipid changes on sphingolipid species and oxidized lipids in polycystic ovary syndrome women. <i>Scientific Reports</i> , 2019, 9, 16033.	1.6	25
28	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.	2.3	23
29	The Pivotal Role of Nitric Oxide: Effects on the Nervous and Immune Systems. <i>Current Pharmaceutical Design</i> , 2014, 20, 4679-4689.	0.9	22
30	Does Metformin Modulate Endoplasmic Reticulum Stress and Autophagy in Type 2 Diabetic Peripheral Blood Mononuclear Cells?. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1562-1569.	2.5	20
31	Mitochondrial Dysfunction and Oxidative Stress in Insulin Resistance. <i>Current Pharmaceutical Design</i> , 2013, 19, 5730-5741.	0.9	20
32	Mitochondrial Impairment and Oxidative Stress in Leukocytes after Testosterone Administration to Female-to-Male Transsexuals. <i>Journal of Sexual Medicine</i> , 2014, 11, 454-461.	0.3	19
33	Effects of simvastatin, ezetimibe and simvastatin/ezetimibe on mitochondrial function and leukocyte/endothelial cell interactions in patients with hypercholesterolemia. <i>Atherosclerosis</i> , 2016, 247, 40-47.	0.4	19
34	Does Glycemic Control Modulate the Impairment of NLRP3 Inflammasome Activation in Type 2 Diabetes?. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 232-240.	2.5	19
35	Exercise Training Promotes Sex-Specific Adaptations in Mouse Inguinal White Adipose Tissue. <i>Diabetes</i> , 2021, 70, 1250-1264.	0.3	19
36	Is Autophagy Altered in the Leukocytes of Type 2 Diabetic Patients?. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1050-1056.	2.5	18

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37	Chronic consumption of an inositol-enriched carob extract improves postprandial glycaemia and insulin sensitivity in healthy subjects: A randomized controlled trial. <i>Clinical Nutrition</i> , 2016, 35, 600-607.	2.3	18
38	Involvement of leucocyte/endothelial cell interactions in anorexia nervosa. <i>European Journal of Clinical Investigation</i> , 2015, 45, 670-678.	1.7	15
39	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.	2.1	14
40	Role of Oxidative Stress and Mitochondrial Dysfunction in Skeletal Muscle in Type 2 Diabetic Patients. <i>Current Pharmaceutical Design</i> , 2016, 22, 2650-2656.	0.9	10
41	Chronic consumption of an inositol-enriched beverage ameliorates endothelial dysfunction and oxidative stress in type 2 diabetes. <i>Journal of Functional Foods</i> , 2015, 18, 598-607.	1.6	8
42	Ceria nanoparticles with rhodamine B as a powerful theranostic agent against intracellular oxidative stress. <i>RSC Advances</i> , 2015, 5, 79423-79432.	1.7	7
43	The consumption of a bread enriched with dietary fibre and l-carnitine improves glucose homeostasis and insulin sensitivity in patients with metabolic syndrome. <i>Journal of Cereal Science</i> , 2015, 64, 159-167.	1.8	6
44	Characterization of Differentially Expressed Circulating miRNAs in Metabolically Healthy versus Unhealthy Obesity. <i>Biomedicines</i> , 2021, 9, 321.	1.4	6
45	Differential Effects of Biologics on Psoriasis-Related Vascular Inflammation and Risk of Thrombosis. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2294-2298.e6.	0.3	4
46	Mitochondria-Targeted Antioxidants as a Therapeutic Strategy for Protecting Endothelium in Cardiovascular Diseases. <i>Current Medicinal Chemistry</i> , 2014, 21, 2989-3006.	1.2	4
47	Atherosclerosis, Mitochondrial Dysfunction and Oxidative Stress: Mitochondria-Targeted Antioxidants as Potential Therapy. , 2016, , 96-135.		3
48	The role of reactive oxygen species in obesity therapeutics. <i>Expert Review of Endocrinology and Metabolism</i> , 2014, 9, 629-639.	1.2	2
49	MicroRNAs in Diabetes and Its Vascular Complications. <i>Cardiac and Vascular Biology</i> , 2017, , 39-59.	0.2	0