

Susana Rovira-Llopis

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,916
citations

257101

24
h-index

264894

42
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all docs

52
docs citations

52
times ranked

3558
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise Training Promotes Sex-Specific Adaptations in Mouse Inguinal White Adipose Tissue. <i>Diabetes</i> , 2021, 70, 1250-1264.	0.3	19
2	Characterization of Differentially Expressed Circulating miRNAs in Metabolically Healthy versus Unhealthy Obesity. <i>Biomedicines</i> , 2021, 9, 321.	1.4	6
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
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.	2.3	23
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	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
14	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
15	Mitochondrial dynamics in type 2 diabetes: Pathophysiological implications. <i>Redox Biology</i> , 2017, 11, 637-645.	3.9	403
16	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
17	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
18	MicroRNAs in Diabetes and Its Vascular Complications. <i>Cardiac and Vascular Biology</i> , 2017, , 39-59.	0.2	0

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19	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
20	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
21	Insulin Resistance in PCOS Patients Enhances Oxidative Stress and Leukocyte Adhesion: Role of Myeloperoxidase. <i>PLoS ONE</i> , 2016, 11, e0151960.	1.1	76
22	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
23	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
24	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
25	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
26	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
27	Mitochondrial Dysfunction and Endoplasmic Reticulum Stress in Diabetes. <i>Current Pharmaceutical Design</i> , 2016, 22, 2640-2649.	0.9	41
28	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
29	Atherosclerosis, Mitochondrial Dysfunction and Oxidative Stress: Mitochondria-Targeted Antioxidants as Potential Therapy. , 2016, , 96-135.		3
30	Involvement of leucocyte/endothelial cell interactions in anorexia nervosa. <i>European Journal of Clinical Investigation</i> , 2015, 45, 670-678.	1.7	15
31	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
32	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
33	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
34	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
35	Is Autophagy Altered in the Leukocytes of Type 2 Diabetic Patients?. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1050-1056.	2.5	18
36	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

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37	Altered Mitochondrial Function and Oxidative Stress in Leukocytes of Anorexia Nervosa Patients. PLoS ONE, 2014, 9, e106463.	1.1	26
38	The role of reactive oxygen species in obesity therapeutics. Expert Review of Endocrinology and Metabolism, 2014, 9, 629-639.	1.2	2
39	Plasma lipidomics discloses metabolic syndrome with a specific HDL phenotype. FASEB Journal, 2014, 28, 5163-5171.	0.2	40
40	Mitochondrial Impairment and Oxidative Stress in Leukocytes after Testosterone Administration to Female-to-Male Transsexuals. Journal of Sexual Medicine, 2014, 11, 454-461.	0.3	19
41	Is Glycemic Control Modulating Endoplasmic Reticulum Stress in Leukocytes of Type 2 Diabetic Patients?. Antioxidants and Redox Signaling, 2014, 21, 1759-1765.	2.5	29
42	Perspectives and Potential Applications of Mitochondria-Targeted Antioxidants in Cardiometabolic Diseases and Type 2 Diabetes. Medicinal Research Reviews, 2014, 34, 160-189.	5.0	40
43	Mitochondria-Targeted Antioxidants as a Therapeutic Strategy for Protecting Endothelium in Cardiovascular Diseases. Current Medicinal Chemistry, 2014, 21, 2989-3006.	1.2	4
44	The Pivotal Role of Nitric Oxide: Effects on the Nervous and Immune Systems. Current Pharmaceutical Design, 2014, 20, 4679-4689.	0.9	22
45	Is Myeloperoxidase a Key Component in the ROS-Induced Vascular Damage Related to Nephropathy in Type 2 Diabetes?. Antioxidants and Redox Signaling, 2013, 19, 1452-1458.	2.5	50
46	Human Leukocyte/Endothelial Cell Interactions and Mitochondrial Dysfunction in Type 2 Diabetic Patients and Their Association With Silent Myocardial Ischemia. Diabetes Care, 2013, 36, 1695-1702.	4.3	63
47	Association of Serum Retinol Binding Protein 4 with Atherogenic Dyslipidemia in Morbid Obese Patients. PLoS ONE, 2013, 8, e78670.	1.1	32
48	Mitochondrial Dysfunction and Oxidative Stress in Insulin Resistance. Current Pharmaceutical Design, 2013, 19, 5730-5741.	0.9	20
49	Mitochondrial Dysfunction and Antioxidant Therapy in Sepsis. Infectious Disorders - Drug Targets, 2012, 12, 161-178.	0.4	71