

Celia Bañuls

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,924
citations

185998

28
h-index

189595

50
g-index

89
all docs

89
docs citations

89
times ranked

4899
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophages Modulate Hepatic Injury Involving NLRP3 Inflammasome: The Example of Efavirenz. <i>Biomedicines</i> , 2022, 10, 109.	1.4	6
2	The Role of Mitochondrial Dynamic Dysfunction in Age-Associated Type 2 Diabetes. <i>World Journal of Men's Health</i> , 2022, 40, 399.	1.7	20
3	Effect of perceived stress, concern about hypoglycaemia and level of knowledge of management of the disease on glycaemic control in type 1 diabetes mellitus. <i>Journal of Clinical Nursing</i> , 2022, , .	1.4	1
4	Roux-en-Y Gastric Bypass Modulates AMPK, Autophagy and Inflammatory Response in Leukocytes of Obese Patients. <i>Biomedicines</i> , 2022, 10, 430.	1.4	5
5	Adherence to the Mediterranean Diet Has a Protective Role against Metabolic and DNA Damage Markers in Colorectal Cancer Patients. <i>Antioxidants</i> , 2022, 11, 499.	2.2	8
6	Psychometric properties of a questionnaire to measure adherence to treatment in patients with type 1 diabetes mellitus. <i>Nursing Open</i> , 2022, 9, 2139-2148.	1.1	1
7	Impact of Roux-en-Y Gastric Bypass on Mitochondrial Biogenesis and Dynamics in Leukocytes of Obese Women. <i>Antioxidants</i> , 2022, 11, 1302.	2.2	1
8	Testosterone administration increases leukocyte-endothelium interactions and inflammation in transgender men. <i>Fertility and Sterility</i> , 2021, 115, 483-489.	0.5	15
9	A new 8-oxo-7,8-dihydro-2-deoxyguanosine nanoporous anodic alumina aptasensor for colorectal cancer diagnosis in blood and urine. <i>Nanoscale</i> , 2021, 13, 8648-8657.	2.8	5
10	Characterization of Differentially Expressed Circulating miRNAs in Metabolically Healthy versus Unhealthy Obesity. <i>Biomedicines</i> , 2021, 9, 321.	1.4	6
11	The Effectiveness of Glutathione Redox Status as a Possible Tumor Marker in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6183.	1.8	11
12	Does Empagliflozin Modulate Leukocyte-Endothelium Interactions, Oxidative Stress, and Inflammation in Type 2 Diabetes?. <i>Antioxidants</i> , 2021, 10, 1228.	2.2	11
13	GRP78 Overexpression Triggers PINK1-IP3R-Mediated Neuroprotective Mitophagy. <i>Biomedicines</i> , 2021, 9, 1039.	1.4	2
14	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.	2.2	11
15	Phytosterols: Nutritional Health Players in the Management of Obesity and Its Related Disorders. <i>Antioxidants</i> , 2020, 9, 1266.	2.2	51
16	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
17	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.	1.7	5
18	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

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19	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
20	Malnutrition impairs mitochondrial function and leukocyte activation. <i>Nutrition Journal</i> , 2019, 18, 89.	1.5	15
21	Effect of Fibre-Enriched Orange Juice on Postprandial Glycaemic Response and Satiety in Healthy Individuals: An Acute, Randomised, Placebo-Controlled, Double-Blind, Crossover Study. <i>Nutrients</i> , 2019, 11, 3014.	1.7	20
22	Metabolic disorders and inflammation are associated with familial combined hyperlipemia. <i>Clinica Chimica Acta</i> , 2019, 490, 194-199.	0.5	10
23	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.	1.6	26
24	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
25	The Mitochondria-Targeted Antioxidant MitoQ Modulates Mitochondrial Function and Endoplasmic Reticulum Stress in Pancreatic Î² Cells Exposed to Hyperglycaemia. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 186-197.	1.1	35
26	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
27	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
28	Validez, comportamiento y concordancia de 3 herramientas de cribado nutricional respecto a la valoración nutricional completa en distintos Ámbitos sociosanitarios. <i>Medicina Clínica</i> , 2018, 150, 185-187.	0.3	2
29	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
30	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.	2.3	17
31	Chronic periodontitis impairs polymorphonuclear leukocyte-endothelium cell interactions and oxidative stress in humans. <i>Journal of Clinical Periodontology</i> , 2018, 45, 1429-1439.	2.3	11
32	Dietary therapy and non-surgical periodontal treatment in obese patients with chronic periodontitis. <i>Journal of Clinical Periodontology</i> , 2018, 45, 1448-1457.	2.3	14
33	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
34	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
35	Obesity impairs leukocyte-endothelium cell interactions and oxidative stress in humans. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12985.	1.7	18
36	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

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37	Mitochondrial dynamics in type 2 diabetes: Pathophysiological implications. <i>Redox Biology</i> , 2017, 11, 637-645.	3.9	403
38	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
39	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
40	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
41	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
42	Involvement of insulin resistance in normoglycaemic obese patients with periodontitis: A cross-sectional study. <i>Journal of Clinical Periodontology</i> , 2017, 44, 981-988.	2.3	16
43	Insulin Resistance in PCOS Patients Enhances Oxidative Stress and Leukocyte Adhesion: Role of Myeloperoxidase. <i>PLoS ONE</i> , 2016, 11, e0151960.	1.1	76
44	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
45	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
46	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
47	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
48	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
49	Mitochondrial Dysfunction and Endoplasmic Reticulum Stress in Diabetes. <i>Current Pharmaceutical Design</i> , 2016, 22, 2640-2649.	0.9	41
50	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
51	Involvement of leukocyte/endothelial cell interactions in anorexia nervosa. <i>European Journal of Clinical Investigation</i> , 2015, 45, 670-678.	1.7	15
52	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
53	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
54	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

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55	Is Autophagy Altered in the Leukocytes of Type 2 Diabetic Patients?. Antioxidants and Redox Signaling, 2015, 23, 1050-1056.	2.5	18
56	The consumption of a bread enriched with dietary fibre and l-carnitine improves glucose homeostasis and insulin sensitivity in patients with metabolic syndrome. Journal of Cereal Science, 2015, 64, 159-167.	1.8	6
57	Altered Mitochondrial Function and Oxidative Stress in Leukocytes of Anorexia Nervosa Patients. PLoS ONE, 2014, 9, e106463.	1.1	26
58	Plasma lipidomics discloses metabolic syndrome with a specific HDL phenotype. FASEB Journal, 2014, 28, 5163-5171.	0.2	40
59	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
60	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
61	Mitochondria-Targeted Antioxidants as a Therapeutic Strategy for Protecting Endothelium in Cardiovascular Diseases. Current Medicinal Chemistry, 2014, 21, 2989-3006.	1.2	4
62	The Pivotal Role of Nitric Oxide: Effects on the Nervous and Immune Systems. Current Pharmaceutical Design, 2014, 20, 4679-4689.	0.9	22
63	Influence of obesity on atherogenic dyslipidemia in women with polycystic ovary syndrome. European Journal of Clinical Investigation, 2013, 43, 549-556.	1.7	13
64	A single acute dose of pinitol from a naturally-occurring food ingredient decreases hyperglycaemia and circulating insulin levels in healthy subjects. Food Chemistry, 2013, 141, 1267-1272.	4.2	45
65	Relation between lipoprotein subfractions and TSH levels in the cardiovascular risk among women with subclinical hypothyroidism. Clinical Endocrinology, 2013, 78, 777-782.	1.2	28
66	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
67	The effect of enriching milk-based beverages with plant sterols or stanols on the fatty acid composition of the products. International Journal of Dairy Technology, 2013, 66, 437-448.	1.3	4
68	Association of Serum Retinol Binding Protein 4 with Atherogenic Dyslipidemia in Morbid Obese Patients. PLoS ONE, 2013, 8, e78670.	1.1	32
69	Mitochondrial Dysfunction and Oxidative Stress in Insulin Resistance. Current Pharmaceutical Design, 2013, 19, 5730-5741.	0.9	20
70	Comparability of two different polyacrylamide gel electrophoresis methods for the classification of LDL pattern type. Clinica Chimica Acta, 2012, 413, 251-257.	0.5	25
71	Effect of weight loss on C3 and C4 components of complement in obese patients. European Journal of Clinical Investigation, 2012, 42, 503-509.	1.7	25
72	Induction of Oxidative Stress and Human Leukocyte/Endothelial Cell Interactions in Polycystic Ovary Syndrome Patients with Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3115-3122.	1.8	104

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73	Association between AT C573T polymorphism and cardiovascular risk factors in myocardial infarction. <i>Cardiovascular Pathology</i> , 2011, 20, 156-161.	0.7	5
74	A Review on the Role of Phytosterols: New Insights Into Cardiovascular Risk. <i>Current Pharmaceutical Design</i> , 2011, 17, 4061-4075.	0.9	54
75	Low intestinal cholesterol absorption is associated with a reduced efficacy of phytosterol esters as hypolipemic agents in patients with metabolic syndrome. <i>Clinical Nutrition</i> , 2011, 30, 604-609.	2.3	25
76	Mitochondrial complex I impairment in leukocytes from type 2 diabetic patients. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1215-1221.	1.3	50
77	Mitochondrial Dysfunction and Targeted Drugs: A Focus on Diabetes. <i>Current Pharmaceutical Design</i> , 2011, 17, 1986-2001.	0.9	12
78	Mitochondria-Targeted Antioxidant Peptides. <i>Current Pharmaceutical Design</i> , 2010, 16, 3124-3131.	0.9	76
79	Effects of phytosterol ester-enriched low-fat milk on serum lipoprotein profile in mildly hypercholesterolaemic patients are not related to dietary cholesterol or saturated fat intake. <i>British Journal of Nutrition</i> , 2010, 104, 1018-1025.	1.2	29
80	Testosterone Levels in Males with Type 2 Diabetes and Their Relationship with Cardiovascular Risk Factors and Cardiovascular Disease. <i>Journal of Sexual Medicine</i> , 2010, 7, 1954-1964.	0.3	32
81	Evaluation of cardiovascular risk and oxidative stress parameters in hypercholesterolemic subjects on a standard healthy diet including low-fat milk enriched with plant sterols. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 881-886.	1.9	23
82	Oxidative Stress, Endothelial Dysfunction and Atherosclerosis. <i>Current Pharmaceutical Design</i> , 2009, 15, 2988-3002.	0.9	211
83	Mitochondrial Complex I Impairment in Leukocytes from Polycystic Ovary Syndrome Patients with Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3505-3512.	1.8	98
84	Small and dense LDL in familial combined hyperlipidemia and N291S polymorphism of the lipoprotein lipase gene. <i>Lipids in Health and Disease</i> , 2009, 8, 12.	1.2	9