List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Macrophages Modulate Hepatic Injury Involving NLRP3 Inflammasome: The Example of Efavirenz. Biomedicines, 2022, 10, 109.	3.2	6
2	The Role of Mitochondrial Dynamic Dysfunction in Age-Associated Type 2 Diabetes. World Journal of Men?s Health, 2022, 40, 399.	3.3	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. Journal of Clinical Nursing, 2022, , .	3.0	1
4	Roux-en-Y Gastric Bypass Modulates AMPK, Autophagy and Inflammatory Response in Leukocytes of Obese Patients. Biomedicines, 2022, 10, 430.	3.2	5
5	Adherence to the Mediterranean Diet Has a Protective Role against Metabolic and DNA Damage Markers in Colorectal Cancer Patients. Antioxidants, 2022, 11, 499.	5.1	8
6	Psychometric properties of a questionnaire to measure adherence to treatment in patients with type 1 diabetes mellitus. Nursing Open, 2022, 9, 2139-2148.	2.4	1
7	Impact of Roux-en-Y Gastric Bypass on Mitochondrial Biogenesis and Dynamics in Leukocytes of Obese Women. Antioxidants, 2022, 11, 1302.	5.1	1
8	Testosterone administration increases leukocyte-endothelium interactions and inflammation in transgender men. Fertility and Sterility, 2021, 115, 483-489.	1.0	15
9	A new 8-oxo-7,8-2′deoxyguanosine nanoporous anodic alumina aptasensor for colorectal cancer diagnosis in blood and urine. Nanoscale, 2021, 13, 8648-8657.	5.6	5
10	Characterization of Differentially Expressed Circulating miRNAs in Metabolically Healthy versus Unhealthy Obesity. Biomedicines, 2021, 9, 321.	3.2	6
11	The Effectiveness of Glutathione Redox Status as a Possible Tumor Marker in Colorectal Cancer. International Journal of Molecular Sciences, 2021, 22, 6183.	4.1	11
12	Does Empagliflozin Modulate Leukocyte–Endothelium Interactions, Oxidative Stress, and Inflammation in Type 2 Diabetes?. Antioxidants, 2021, 10, 1228.	5.1	11
13	GRP78 Overexpression Triggers PINK1-IP3R-Mediated Neuroprotective Mitophagy. Biomedicines, 2021, 9, 1039.	3.2	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. Antioxidants, 2020, 9, 734.	5.1	11
15	Phytosterols: Nutritional Health Players in the Management of Obesity and Its Related Disorders. Antioxidants, 2020, 9, 1266.	5.1	51
16	Does Glycemic Control Modulate the Impairment of NLRP3 Inflammasome Activation in Type 2 Diabetes?. Antioxidants and Redox Signaling, 2019, 30, 232-240.	5.4	19
17	Role of Endoplasmic Reticulum and Oxidative Stress Parameters in the Pathophysiology of Disease-Related Malnutrition in Leukocytes of an Outpatient Population. Nutrients, 2019, 11, 1838.	4.1	5
18	The SGLT2 Inhibitor Empagliflozin Ameliorates the Inflammatory Profile in Type 2 Diabetic Patients and Promotes an Antioxidant Response in Leukocytes. Journal of Clinical Medicine, 2019, 8, 1814.	2.4	82

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19	Metformin induces lipid changes on sphingolipid species and oxidized lipids in polycystic ovary syndrome women. Scientific Reports, 2019, 9, 16033.	3.3	25
20	Malnutrition impairs mitochondrial function and leukocyte activation. Nutrition Journal, 2019, 18, 89.	3.4	15
21	Effect of Fibre-Enriched Orange Juice on Postprandial Clycaemic Response and Satiety in Healthy Individuals: An Acute, Randomised, Placebo-Controlled, Double-Blind, Crossover Study. Nutrients, 2019, 11, 3014.	4.1	20
22	Metabolic disorders and inflammation are associated with familial combined hyperlipemia. Clinica Chimica Acta, 2019, 490, 194-199.	1.1	10
23	Dietary weight loss intervention improves subclinical atherosclerosis and oxidative stress markers in leukocytes of obese humans. International Journal of Obesity, 2019, 43, 2200-2209.	3.4	26
24	Moderate weight loss attenuates chronic endoplasmic reticulum stress and mitochondrial dysfunction in human obesity. Molecular Metabolism, 2019, 19, 24-33.	6.5	34
25	The Mitochondria-Targeted Antioxidant MitoQ Modulates Mitochondrial Function and Endoplasmic Reticulum Stress in Pancreatic β Cells Exposed to Hyperglycaemia. Cellular Physiology and Biochemistry, 2019, 52, 186-197.	1.6	35
26	Mitochondria, the NLRP3 Inflammasome, and Sirtuins in Type 2 Diabetes: New Therapeutic TargetsReviewing Editors: <i>Markus Bachschmid, Dylan Burger, Vittorio Calabrese, Amadou Camara, Lukas Kubala, Giuseppe Poli, and Chandan K. Sen</i> . Antioxidants and Redox Signaling, 2018, 29, 749-791.	5.4	74
27	Does Metformin Modulate Endoplasmic Reticulum Stress and Autophagy in Type 2 Diabetic Peripheral Blood Mononuclear Cells?. Antioxidants and Redox Signaling, 2018, 28, 1562-1569.	5.4	20
28	Validez, comportamiento y concordancia de 3 herramientas de cribado nutricional respecto a la valoración nutricional completa en distintos ámbitos sociosanitarios. Medicina ClÃnica, 2018, 150, 185-187.	0.6	2
29	Pinitol alleviates systemic inflammatory cytokines in human obesity by a mechanism involving unfolded protein response and sirtuin 1. Clinical Nutrition, 2018, 37, 2036-2044.	5.0	23
30	Levels of serum retinolâ€binding protein 4 before and after nonâ€surgical periodontal treatment in lean and obese subjects: An interventional study. Journal of Clinical Periodontology, 2018, 45, 336-344.	4.9	17
31	Chronic periodontitis impairs polymorphonuclear leucocyte–endothelium cell interactions and oxidative stress in humans. Journal of Clinical Periodontology, 2018, 45, 1429-1439.	4.9	11
32	Dietary therapy and nonâ€surgical periodontal treatment in obese patients with chronic periodontitis. Journal of Clinical Periodontology, 2018, 45, 1448-1457.	4.9	14
33	Downregulation of miR-31 in Diabetic Nephropathy and its Relationship with Inflammation. Cellular Physiology and Biochemistry, 2018, 50, 1005-1014.	1.6	45
34	The mitochondrial antioxidant SS-31 increases SIRT1 levels and ameliorates inflammation, oxidative stress and leukocyte-endothelium interactions in type 2 diabetes. Scientific Reports, 2018, 8, 15862.	3.3	51
35	Obesity impairs leukocyteâ€endothelium cell interactions and oxidative stress in humans. European Journal of Clinical Investigation, 2018, 48, e12985.	3.4	18
36	Lipidomics reveals altered biosynthetic pathways of glycerophospholipids and cell signaling as biomarkers of the polycystic ovary syndrome. Oncotarget, 2018, 9, 4522-4536.	1.8	26

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37	Mitochondrial dynamics in type 2 diabetes: Pathophysiological implications. Redox Biology, 2017, 11, 637-645.	9.0	403
38	Metabolic syndrome enhances endoplasmic reticulum, oxidative stress and leukocyte–endothelium interactions in PCOS. Metabolism: Clinical and Experimental, 2017, 71, 153-162.	3.4	58
39	Does Metformin Protect Diabetic Patients from Oxidative Stress and Leukocyte-Endothelium Interactions?. Antioxidants and Redox Signaling, 2017, 27, 1439-1445.	5.4	44
40	Oxidative and endoplasmic reticulum stress is impaired in leukocytes from metabolically unhealthy vs healthy obese individuals. International Journal of Obesity, 2017, 41, 1556-1563.	3.4	33
41	Low testosterone levels are related to oxidative stress, mitochondrial dysfunction and altered subclinical atherosclerotic markers in type 2 diabetic male patients. Free Radical Biology and Medicine, 2017, 108, 155-162.	2.9	84
42	Involvement of insulin resistance in normoglycaemic obese patients with periodontitis: A crossâ€sectional study. Journal of Clinical Periodontology, 2017, 44, 981-988.	4.9	16
43	Insulin Resistance in PCOS Patients Enhances Oxidative Stress and Leukocyte Adhesion: Role of Myeloperoxidase. PLoS ONE, 2016, 11, e0151960.	2.5	76
44	Are Mitochondrial Fusion and Fission Impaired in Leukocytes of Type 2 Diabetic Patients?. Antioxidants and Redox Signaling, 2016, 25, 108-115.	5.4	28
45	Effect of consumption of a carob pod inositol-enriched beverage on insulin sensitivity and inflammation in middle-aged prediabetic subjects. Food and Function, 2016, 7, 4379-4387.	4.6	14
46	The mitochondria-targeted antioxidant MitoQ modulates oxidative stress, inflammation and leukocyte-endothelium interactions in leukocytes isolated from type 2 diabetic patients. Redox Biology, 2016, 10, 200-205.	9.0	82
47	Chronic consumption of an inositol-enriched carob extract improves postprandial glycaemia and insulin sensitivity in healthy subjects: A randomized controlled trial. Clinical Nutrition, 2016, 35, 600-607.	5.0	18
48	Effects of simvastatin, ezetimibe and simvastatin/ezetimibe on mitochondrial function and leukocyte/endothelial cell interactions in patients with hypercholesterolemia. Atherosclerosis, 2016, 247, 40-47.	0.8	19
49	Mitochondrial Dysfunction and Endoplasmic Reticulum Stress in Diabetes. Current Pharmaceutical Design, 2016, 22, 2640-2649.	1.9	41
50	Role of Oxidative Stress and Mitochondrial Dysfunction in Skeletal Muscle in Type 2 Diabetic Patients. Current Pharmaceutical Design, 2016, 22, 2650-2656.	1.9	10
51	Involvement of leucocyte/endothelial cell interactions in anorexia nervosa. European Journal of Clinical Investigation, 2015, 45, 670-678.	3.4	15
52	Metformin modulates human leukocyte/endothelial cell interactions and proinflammatory cytokines in polycystic ovary syndrome patients. Atherosclerosis, 2015, 242, 167-173.	0.8	30
53	Chronic consumption of an inositol-enriched beverage ameliorates endothelial dysfunction and oxidative stress in type 2 diabetes. Journal of Functional Foods, 2015, 18, 598-607.	3.4	8
54	Effects of metformin on mitochondrial function of leukocytes from polycystic ovary syndrome patients with insulin resistance. European Journal of Endocrinology, 2015, 173, 683-691.	3.7	37

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55	ls Autophagy Altered in the Leukocytes of Type 2 Diabetic Patients?. Antioxidants and Redox Signaling, 2015, 23, 1050-1056.	5.4	18
56	The consumption of a bread enriched with dietary fibre and l-carnitine improves glucose homoeostasis and insulin sensitivity in patients with metabolic syndrome. Journal of Cereal Science, 2015, 64, 159-167.	3.7	6
57	Altered Mitochondrial Function and Oxidative Stress in Leukocytes of Anorexia Nervosa Patients. PLoS ONE, 2014, 9, e106463.	2.5	26
58	Plasma lipidomics discloses metabolic syndrome with a specific HDL phenotype. FASEB Journal, 2014, 28, 5163-5171.	0.5	40
59	Mitochondrial Impairment and Oxidative Stress in Leukocytes after Testosterone Administration to Femaleâ€Toâ€Male Transsexuals. Journal of Sexual Medicine, 2014, 11, 454-461.	0.6	19
60	Is Glycemic Control Modulating Endoplasmic Reticulum Stress in Leukocytes of Type 2 Diabetic Patients?. Antioxidants and Redox Signaling, 2014, 21, 1759-1765.	5.4	29
61	Mitochondria-Targeted Antioxidants as a Therapeutic Strategy for Protecting Endothelium in Cardiovascular Diseases. Current Medicinal Chemistry, 2014, 21, 2989-3006.	2.4	4
62	The Pivotal Role of Nitric Oxide: Effects on the Nervous and Immune Systems. Current Pharmaceutical Design, 2014, 20, 4679-4689.	1.9	22
63	Influence of obesity on atherogenic dyslipidemia in women with polycystic ovary syndrome. European Journal of Clinical Investigation, 2013, 43, 549-556.	3.4	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.	8.2	45
65	Relation between lipoprotein subfractions and <scp>TSH</scp> levels in the cardiovascular risk among women with subclinical hypothyroidism. Clinical Endocrinology, 2013, 78, 777-782.	2.4	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.	8.6	63
67	The effect of enriching milkâ€based beverages with plant sterols or stanols on the fatty acid composition of the products. International Journal of Dairy Technology, 2013, 66, 437-448.	2.8	4
68	Association of Serum Retinol Binding Protein 4 with Atherogenic Dyslipidemia in Morbid Obese Patients. PLoS ONE, 2013, 8, e78670.	2.5	32
69	Mitochondrial Dysfunction and Oxidative Stress in Insulin Resistance. Current Pharmaceutical Design, 2013, 19, 5730-5741.	1.9	20
70	Comparability of two different polyacrylamide gel electrophoresis methods for the classification of LDL pattern type. Clinica Chimica Acta, 2012, 413, 251-257.	1.1	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.	3.4	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.	3.6	104

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73	Association between AT C573T polymorphism and cardiovascular risk factors in myocardial infarction. Cardiovascular Pathology, 2011, 20, 156-161.	1.6	5
74	A Review on the Role of Phytosterols: New Insights Into Cardiovascular Risk. Current Pharmaceutical Design, 2011, 17, 4061-4075.	1.9	54
75	Low intestinal cholesterol absorption is associated with a reduced efficacy of phytosterol esters as hypolipemic agents in patients with metabolic syndrome. Clinical Nutrition, 2011, 30, 604-609.	5.0	25
76	Mitochondrial complex I impairment in leukocytes from type 2 diabetic patients. Free Radical Biology and Medicine, 2011, 50, 1215-1221.	2.9	50
77	Mitochondrial Dysfunction and Targeted Drugs: A Focus on Diabetes. Current Pharmaceutical Design, 2011, 17, 1986-2001.	1.9	12
78	Mitochondria-Targeted Antioxidant Peptides. Current Pharmaceutical Design, 2010, 16, 3124-3131.	1.9	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. British Journal of Nutrition, 2010, 104, 1018-1025.	2.3	29
80	Testosterone Levels in Males with Type 2 Diabetes and Their Relationship with Cardiovascular Risk Factors and Cardiovascular Disease. Journal of Sexual Medicine, 2010, 7, 1954-1964.	0.6	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. Journal of Nutritional Biochemistry, 2010, 21, 881-886.	4.2	23
82	Oxidative Stress, Endothelial Dysfunction and Atherosclerosis. Current Pharmaceutical Design, 2009, 15, 2988-3002.	1.9	211
83	Mitochondrial Complex I Impairment in Leukocytes from Polycystic Ovary Syndrome Patients with Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3505-3512.	3.6	98
84	Small and dense LDL in familial combined hyperlipidemia and N291S polymorphism of the lipoprotein lipase gene. Lipids in Health and Disease, 2009, 8, 12.	3.0	9