

# Oxidative Stress and Inflammation in Heart Disease: Do Treatment and/or Prevention?

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Methylglyoxal modification of LDL: proatherogenicity without oxidation opens new paths to prevent cardiovascular disease. <i>Clinical Lipidology</i> , 2011, 6, 631-634.	0.4	3
2	O-GlcNAcylation and oxidation of proteins: is signalling in the cardiovascular system becoming sweeter?. <i>Clinical Science</i> , 2012, 123, 473-486.	4.3	44
3	Cardiovascular disease in systemic lupus erythematosus. <i>Pathology</i> , 2012, 44, S40.	0.6	0
4	Effect of an oral astaxanthin prodrug (CDX-085) on lipoprotein levels and progression of atherosclerosis in LDLR <sup>-/-</sup> and ApoE <sup>-/-</sup> mice. <i>Atherosclerosis</i> , 2012, 222, 99-105.	0.8	32
5	The Future of Human Embryo Culture Media – Or Have We Reached the Ceiling?. , 2012, , .		4
6	The prevention and regression of atherosclerotic plaques: emerging treatments. <i>Vascular Health and Risk Management</i> , 2012, 8, 549.	2.3	30
7	Cardiac and vascular phenotypes in the apolipoprotein E-deficient mouse. <i>Journal of Biomedical Science</i> , 2012, 19, 22.	7.0	69
8	Antioxidant nutrients and age-related cognitive decline: a systematic review of population-based cohort studies. <i>European Journal of Nutrition</i> , 2013, 52, 1553-1567.	3.9	47
9	Pharmacological potential of <i>Populus nigra</i> extract as antioxidant, anti-inflammatory, cardiovascular and hepatoprotective agent. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2013, 3, 697-704.	1.2	30
10	Fluorescent Imaging of Redox Species in Multicellular Organisms. , 2013, , 119-155.		6
11	Sildenafil ameliorates biomarkers of genotoxicity in an experimental model of spontaneous atherosclerosis. <i>Lipids in Health and Disease</i> , 2013, 12, 128.	3.0	25
12	Antioxidant and anti-inflammatory activities of <i>Pittocaulon</i> species from MÃ©xico. <i>Pharmaceutical Biology</i> , 2013, 51, 260-266.	2.9	6
13	Sulforaphane: translational research from laboratory bench to clinic. <i>Nutrition Reviews</i> , 2013, 71, 709-726.	5.8	147
14	Acute Treatment with Bis Selenide, an Organic Compound Containing the Trace Element Selenium, Prevents Memory Deficits Induced by Reserpine in Rats. <i>Biological Trace Element Research</i> , 2013, 151, 92-99.	3.5	10
15	Biological Relevance of Inflammation and Oxidative Stress in the Pathogenesis of Arterial Diseases. <i>American Journal of Pathology</i> , 2013, 182, 1474-1481.	3.8	128
16	Pulse Radiolysis Studies on the Reaction of the Reduced Vitamin B <sub>12</sub> Complex Cob(II)alamin with Superoxide. <i>ChemBioChem</i> , 2013, 14, 1081-1083.	2.6	11
17	Synthesis and antioxidant activity of new analogs of Quin-C1. <i>Chemistry of Heterocyclic Compounds</i> , 2013, 48, 1824-1831.	1.2	7
18	Reduced hemodynamic load aids low-dose resveratrol in reversing cardiovascular defects in hypertensive rats. <i>Hypertension Research</i> , 2013, 36, 866-872.	2.7	39

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19	Anti-inflammatory property of Kalpaamruthaa on myocardium in type 2 diabetes mellitus induced cardiovascular complication. <i>Immunopharmacology and Immunotoxicology</i> , 2013, 35, 119-125.	2.4	8
20	Association between blood pressure and DNA methylation of retrotransposons and pro-inflammatory genes. <i>International Journal of Epidemiology</i> , 2013, 42, 270-280.	1.9	53
21	Antioxidant Activity and Total Phenolic Contents of some Traditional Medicinal Plants from Zimbabwe. <i>Journal of Biologically Active Products From Nature</i> , 2013, 3, 345-352.	0.3	2
22	A Novel 5'-Uncoding Region -1248 A>G Variation of Mitofusin-2 Gene Is Associated with Hypertension in Chinese. <i>Yonsei Medical Journal</i> , 2013, 54, 603.	2.2	5
23	Gene Expression Related to Oxidative Stress in the Heart of Mice after Intestinal Ischemia. <i>Arquivos Brasileiros De Cardiologia</i> , 2013, 102, 165-73.	0.8	10
24	A Comparison of Total Antioxidant Capacities of Concord, Purple, Red, and Green Grapes Using the CUPRAC Assay. <i>Antioxidants</i> , 2013, 2, 257-264.	5.1	12
25	Sudarshan Kriya Yoga and Antioxidant Enzymes – A Novel Relationship. <i>International Journal of Biomedical Research</i> , 2014, 5, 187.	0.1	1
26	Oxidant Exposure Induces Cysteine-Rich Protein 61 (CCN1) via c-Jun/AP-1 to Reduce Collagen Expression in Human Dermal Fibroblasts. <i>PLoS ONE</i> , 2014, 9, e115402.	2.5	43
27	Microparticles in Atherosclerosis: Biomarkers of Disease. <i>Journal of Clinical &amp; Experimental Cardiology</i> , 2014, 06, .	0.0	3
28	NF- $\kappa$ B mediated miR-21 regulation in cardiomyocytes apoptosis under oxidative stress. <i>Free Radical Research</i> , 2014, 48, 282-291.	3.3	78
29	Activation of Toll-Like Receptors and Inflammasome Complexes in the Diabetic Cardiomyopathy-Associated Inflammation. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-10.	1.5	79
30	Lupeol: An antioxidant triterpene in <i>Ficus pseudopalma</i> Blanco (Moraceae). <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, 109-118.	1.2	34
31	Oxidative Stress Damages the Endothelium. , 2014, , 111-140.		0
32	Skeletal muscle reactive oxygen species: A target of good cop/bad cop for exercise and disease. <i>Redox Report</i> , 2014, 19, 97-106.	4.5	46
33	Mitochondrial Morphofunctional Alterations in Smooth Muscle Cells of Aorta in Rats. <i>ISRN Cardiology</i> , 2014, 2014, 1-6.	1.6	1
34	Moderate intensity physical activity prevents increased blood glucose concentrations, fat pad deposition and cardiac action potential prolongation following diet-induced obesity in a juvenile-adolescent rat model. <i>BMC Obesity</i> , 2014, 1, 11.	3.1	6
35	Nitric oxide and reactive oxygen species in limb vascular function: what is the effect of physical activity?. <i>Free Radical Research</i> , 2014, 48, 71-83.	3.3	52
36	Bioinformatics Approach to Evaluate Differential Gene Expression of M1/M2 Macrophage Phenotypes and Antioxidant Genes in Atherosclerosis. <i>Cell Biochemistry and Biophysics</i> , 2014, 70, 831-839.	1.8	19

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37	New perspectives on bioactivity of olive oil: evidence from animal models, human interventions and the use of urinary proteomic biomarkers. <i>Proceedings of the Nutrition Society</i> , 2015, 74, 268-281.	1.0	16
38	Pre-harvest and post-harvest factors affecting ascorbic acid and carotenoid content in fruits and vegetables. <i>Acta Horticulturae</i> , 2015, , 31-42.	0.2	4
39	Skeletal Muscle Vascular Function: A Counterbalance of Insulin Action. <i>Microcirculation</i> , 2015, 22, 327-347.	1.8	12
40	GC-MS analysis, evaluation of phytochemicals, anti-oxidant, thrombolytic and anti-inflammatory activities of <i>Exacum bicolor</i> . <i>Bangladesh Journal of Pharmacology</i> , 2015, 10, 745.	0.4	3
41	Reactive Oxygen Species, Apoptosis, Antimicrobial Peptides and Human Inflammatory Diseases. <i>Pharmaceuticals</i> , 2015, 8, 151-175.	3.8	112
42	Carotenoids from Marine Microalgae: A Valuable Natural Source for the Prevention of Chronic Diseases. <i>Marine Drugs</i> , 2015, 13, 5128-5155.	4.6	156
43	Anticancer Effect of Lycopene in Gastric Carcinogenesis. <i>Journal of Cancer Prevention</i> , 2015, 20, 92-96.	2.0	50
44	Acrolein Impairs the Cholesterol Transport Functions of High Density Lipoproteins. <i>PLoS ONE</i> , 2015, 10, e0123138.	2.5	33
45	Resin from <i>Viola oleifera</i> Protects Against Radiocontrast-Induced Nephropathy in Mice. <i>PLoS ONE</i> , 2015, 10, e0144329.	2.5	12
46	Propolis: A Complex Natural Product with a Plethora of Biological Activities That Can Be Explored for Drug Development. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-29.	1.2	195
47	Impact of Volatile Anesthetics on Oxidative Stress and Inflammation. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	85
48	An Increase of Plasma Advanced Oxidation Protein Products Levels Is Associated with Cardiovascular Risk in Incident Peritoneal Dialysis Patients: A Pilot Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-6.	4.0	13
49	Total Antioxidant Status in Type 2 Diabetic Patients in Palestine. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-7.	2.3	12
50	Edible bird's nest attenuates procoagulation effects of high-fat diet in rats. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3951.	4.3	7
51	Sesamol suppresses the inflammatory response by inhibiting NF- $\kappa$ B/MAPK activation and upregulating AMP kinase signaling in RAW 264.7 macrophages. <i>Inflammation Research</i> , 2015, 64, 577-588.	4.0	42
52	Pine bark extract prevents low-density lipoprotein oxidation and regulates monocytic expression of antioxidant enzymes. <i>Nutrition Research</i> , 2015, 35, 56-64.	2.9	8
53	Nanocarrier-based antioxidant therapy: promise or delusion?. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1783-1790.	5.0	18
54	Effect of acute intradialytic strength physical exercise on oxidative stress and inflammatory responses in hemodialysis patients. <i>Kidney Research and Clinical Practice</i> , 2015, 34, 35-40.	2.2	35

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55	High blood glucose independent of pre-existing diabetic status predicts mortality in patients initiating peritoneal dialysis therapy. <i>International Urology and Nephrology</i> , 2015, 47, 1017-1024.	1.4	6
56	Antioxidants and coronary artery disease. <i>Coronary Artery Disease</i> , 2015, 26, 176-183.	0.7	92
57	Activation of endogenous antioxidants as a common therapeutic strategy against cancer, neurodegeneration and cardiovascular diseases: A lesson learnt from DJ-1. , 2015, 156, 69-74.		63
58	Oxidative Stress and Early Atherosclerosis: Novel Antioxidant Treatment. <i>Cardiovascular Drugs and Therapy</i> , 2015, 29, 75-88.	2.6	48
59	Mitochondrial ROS versus ER ROS: Which Comes First in Myocardial Calcium Dysregulation?. <i>Frontiers in Cardiovascular Medicine</i> , 2016, 3, 36.	2.4	19
60	Cardiovascular Disease in Systemic Lupus Erythematosus. , 2016, , 373-381.		0
61	Cydonia oblonga M., A Medicinal Plant Rich in Phytonutrients for Pharmaceuticals. <i>Frontiers in Pharmacology</i> , 2016, 7, 163.	3.5	69
62	Endothelial cell dysfunction as a novel therapeutic target in atherosclerosis. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 1021-1033.	1.5	63
63	PUFA and oxidative stress. Differential modulation of the cell response by DHA. <i>International Journal of Food Sciences and Nutrition</i> , 2016, 67, 834-843.	2.8	50
64	4-Hydroxy-2-nonenal: a critical target in oxidative stress?. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C537-C543.	4.6	163
65	Nanoformulated copper/zinc superoxide dismutase reduces adipose inflammation in obesity. <i>Obesity</i> , 2016, 24, 148-156.	3.0	32
66	Antioxidant Polymers as Biomaterial. , 2016, , 251-296.		21
67	Serum 25-hydroxyvitamin D deficiency predicts poor outcome amongst acute ischaemic stroke patients with low high density lipoprotein cholesterol. <i>European Journal of Neurology</i> , 2016, 23, 1763-1768.	3.3	11
68	Reactive oxygen species-mediated cardiac-reperfusion injury: Mechanisms and therapies. <i>Life Sciences</i> , 2016, 165, 43-55.	4.3	91
69	In vitro antioxidant and immunomodulatory activity of transglutaminase-treated sodium caseinate hydrolysates. <i>International Dairy Journal</i> , 2016, 63, 107-114.	3.0	19
70	Protection against doxorubicin-induced myocardial dysfunction in mice by cardiac-specific expression of carboxyl terminus of hsp70-interacting protein. <i>Scientific Reports</i> , 2016, 6, 28399.	3.3	44
71	Anti-wrinkle effects of Sargassum muticum ethyl acetate fraction on ultraviolet B-irradiated hairless mouse skin and mechanistic evaluation in the human HaCaT keratinocyte cell line. <i>Molecular Medicine Reports</i> , 2016, 14, 2937-2944.	2.4	31
72	Cardiac progenitor cell-derived exosomes prevent cardiomyocytes apoptosis through exosomal miR-21 by targeting PDCD4. <i>Cell Death and Disease</i> , 2016, 7, e2277-e2277.	6.3	293

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73	Nanoformulated copper/zinc superoxide dismutase attenuates vascular cell activation and aortic inflammation in obesity. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 495-500.	2.1	17
74	Impaired ALDH2 activity decreases the mitochondrial respiration in H9C2 cardiomyocytes. <i>Cellular Signalling</i> , 2016, 28, 1-6.	3.6	25
75	Quantification of phenolics in <i>Syzygium cumini</i> seed and their modulatory role on tertiary butyl-hydrogen peroxide-induced oxidative stress in H9c2 cell lines and key enzymes in cardioprotection. <i>Journal of Food Science and Technology</i> , 2017, 54, 2115-2125.	2.8	25
76	Prooxidant-antioxidant balance, hsTnI and hsCRP: mortality prediction in haemodialysis patients, two-year follow-up. <i>Renal Failure</i> , 2017, 39, 491-499.	2.1	16
77	Short-chain fatty acids: a link between prebiotics and microbiota in chronic kidney disease. <i>Future Microbiology</i> , 2017, 12, 1413-1425.	2.0	48
78	A novel multi-hyphenated analytical method to simultaneously determine xanthine oxidase inhibitors and superoxide anion scavengers in natural products. <i>Analytica Chimica Acta</i> , 2017, 984, 124-133.	5.4	20
79	Antioxidants Against Environmental Factor-Induced Oxidative Stress. , 2017, , 189-215.		4
80	Oxidative Stress in Cardiovascular Diseases: Involvement of Nrf2 Antioxidant Redox Signaling in Macrophage Foam Cells Formation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2336.	4.1	88
81	Opposing Effects of Oxygen Regulation on Kallistatin Expression: Kallistatin as a Novel Mediator of Oxygen-Induced HIF-1-eNOS-NO Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	4.0	14
82	A Comparative Study of High Sensitivity C-Reactive Protein and Metabolic Variables in Type 2 Diabetes Mellitus with and without Nephropathy. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017, 11, BC01-BC04.	0.8	12
83	Gender-dimorphic effects of adipose-derived stromal vascular fractions on HUVECs exposed to oxidative stress. <i>International Journal of Medical Sciences</i> , 2017, 14, 911-919.	2.5	7
84	Astaxanthin-antioxidant impact on excessive Reactive Oxygen Species generation induced by ischemia and reperfusion injury. <i>Chemico-Biological Interactions</i> , 2018, 279, 145-158.	4.0	83
85	Ameliorative Effect of Epigallocatechin Gallate on Cardiac Hypertrophy and Fibrosis in Aged Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 71, 65-75.	1.9	23
86	Glycosylation with $\alpha$ -linked $N$ -acetylglucosamine induces vascular dysfunction via production of superoxide anion/reactive oxygen species. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 232-240.	1.4	11
87	Fabrication of quercetin-loaded PLGA nanoparticles via electrohydrodynamic atomization for cardiovascular disease. <i>Materials Today: Proceedings</i> , 2018, 5, 15998-16005.	1.8	32
88	Could resistant starch supplementation improve inflammatory and oxidative stress biomarkers and uremic toxins levels in hemodialysis patients? A pilot randomized controlled trial. <i>Food and Function</i> , 2018, 9, 6508-6516.	4.6	80
89	Circulating Molecular Chaperones in Subjects with Amnesic Mild Cognitive Impairment and Alzheimer's Disease: Data from the ZabA <sup>1</sup> t Aging Project. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 161-172.	2.6	5
90	Reduced Plasma Kallistatin Is Associated With the Severity of Coronary Artery Disease, and Kallistatin Treatment Attenuates Atherosclerotic Plaque Formation in Mice. <i>Journal of the American Heart Association</i> , 2018, 7, e009562.	3.7	16

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91	Biological Markers of Oxidative Stress in Cardiovascular Diseases: After so Many Studies, What do We Know?. Immunological Investigations, 2018, 47, 823-843.	2.0	20
92	The Role of Natural Products in Targeting Cardiovascular Diseases via Nrf2 Pathway: Novel Molecular Mechanisms and Therapeutic Approaches. Frontiers in Pharmacology, 2018, 9, 1308.	3.5	57
93	Maximizing your "nutrition minute": Bridging nutritional gaps across the life span. Journal of the American Association of Nurse Practitioners, 2018, 30, 160-177.	0.9	7
94	Seaweeds: Valuable Ingredients for the Pharmaceutical Industries. Grand Challenges in Biology and Biotechnology, 2018, , 49-95.	2.4	7
95	Prognostic significance of serum cystatin C in acute ischemic stroke patients according to lipid component levels. Atherosclerosis, 2018, 274, 146-151.	0.8	17
96	Oxidative Stress in Patients with Drug Resistant Partial Complex Seizure. Behavioral Sciences (Basel, Switzerland), 2019, 8, 1-10.	2.1	28
97	The protective role of curcumin in myocardial ischemia-reperfusion injury. Journal of Cellular Physiology, 2019, 234, 214-222.	4.1	125
98	Mitochondria as a Source and a Target for Uremic Toxins. International Journal of Molecular Sciences, 2019, 20, 3094.	4.1	39
99	miR-129-5p improves cardiac function in rats with chronic heart failure through targeting HMGB1. Mammalian Genome, 2019, 30, 276-288.	2.2	30
100	Rhaponticin as an anti-inflammatory component of rhubarb: a minireview of the current state of the art and prospects for future research. Phytochemistry Reviews, 2019, 18, 1375-1386.	6.5	16
101	Age at Menarche and Risk of Cardiovascular Disease Outcomes: Findings From the National Heart Lung and Blood Institute-Sponsored Women's Ischemia Syndrome Evaluation. Journal of the American Heart Association, 2019, 8, e012406.	3.7	56
102	Microalgae for High-Value Products Towards Human Health and Nutrition. Marine Drugs, 2019, 17, 304.	4.6	355
103	Gallic acid protects particulate matter (PM10) triggers cardiac oxidative stress and inflammation causing heart adverse events in rats. Environmental Science and Pollution Research, 2019, 26, 18200-18207.	5.3	22
105	Z-Ligustilide protects vascular endothelial cells from oxidative stress and rescues high fat diet-induced atherosclerosis by activating multiple NRF2 downstream genes. Atherosclerosis, 2019, 284, 110-120.	0.8	58
106	Mechanisms linking preterm birth to onset of cardiovascular disease later in adulthood. European Heart Journal, 2019, 40, 1107-1112.	2.2	64
107	Lp-PLA2 Selective Inhibitor (Darapladib) Effect In Lowering The Expression Level Of IL-1B And IL-6 In The Renal At Type 2 Diabetes Mellitus. Vascular Health and Risk Management, 2019, Volume 15, 503-508.	2.3	4
108	Dietary intervention reduces left atrial enlargement in dogs with early preclinical myxomatous mitral valve disease: a blinded randomized controlled study in 36 dogs. BMC Veterinary Research, 2019, 15, 425.	1.9	23
109	Modulatory effect of Syzygium aromaticum and Pelargonium graveolens on oxidative and sodium nitroprusside stress and inflammation. Oriental Pharmacy and Experimental Medicine, 2019, 19, 201-210.	1.2	11



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110	Limited evidence for a beneficial effect of vitamin C supplementation on biomarkers of cardiovascular diseases: an umbrella review of systematic reviews and meta-analyses. <i>Nutrition Research</i> , 2019, 61, 1-12.	2.9	49
111	Total phenolic, flavonoid content, and antioxidant activity of bulbs, leaves, and flowers made from <i>Eleutherine bulbosa</i> (Mill.) Urb. <i>Food Science and Nutrition</i> , 2019, 7, 148-154.	3.4	51
112	The biological and pharmacological roles of polyphenol flavonoid tilianin. <i>European Journal of Pharmacology</i> , 2019, 842, 291-297.	3.5	44
113	A Redox-Responsive Self-Assembled Nanoprobe for Photoacoustic Inflammation Imaging to Assess Atherosclerotic Plaque Vulnerability. <i>Analytical Chemistry</i> , 2019, 91, 1150-1156.	6.5	44
114	Novel Antioxidant, Anti- $\alpha$ -Amylase, Anti-Inflammatory and Antinociceptive Water-Soluble Polysaccharides from the Aerial Part of <i>Nitraria retusa</i> . <i>Foods</i> , 2020, 9, 28.	4.3	12
115	Severe hypoglycemia exacerbates myocardial dysfunction and metabolic remodeling in diabetic mice. <i>Molecular and Cellular Endocrinology</i> , 2020, 503, 110692.	3.2	8
116	Polyphenolic compounds of litchi leaf augment kidney and heart functions in 2K1C rats. <i>Journal of Functional Foods</i> , 2020, 64, 103662.	3.4	18
117	Elevated 4-hydroxynonenal induces hyperglycaemia via Aldh3a1 loss in zebrafish and associates with diabetes progression in humans. <i>Redox Biology</i> , 2020, 37, 101723.	9.0	36
118	Sulforaphane attenuates hexavalent chromium-induced cardiotoxicity <i>via</i> the activation of the Sesn2/AMPK/Nrf2 signaling pathway. <i>Metallomics</i> , 2020, 12, 2009-2020.	2.4	26
119	The protective effect of piperine against isoproterenol-induced inflammation in experimental models of myocardial toxicity. <i>European Journal of Pharmacology</i> , 2020, 885, 173524.	3.5	20
120	The effects of oat ingredients on blood pressure in spontaneously hypertensive rats. <i>Journal of Food Biochemistry</i> , 2020, 44, e13402.	2.9	7
122	Novel thiazole-pyrazolone hybrids as potent ACE inhibitors and their cardioprotective effect on isoproterenol-induced myocardial infarction. <i>Archiv Der Pharmazie</i> , 2020, 353, 2000140.	4.1	2
123	Patterns of Toll-Like Receptor Expressions and Inflammatory Cytokine Levels and Their Implications in the Progress of Insulin Resistance and Diabetic Nephropathy in Type 2 Diabetic Patients. <i>Frontiers in Physiology</i> , 2020, 11, 609223.	2.8	20
124	Effects of high doses of glucocorticoids on insulin-mediated vasodilation in the mesenteric artery of rats. <i>PLoS ONE</i> , 2020, 15, e0230514.	2.5	6
125	Resistant starch type-2 enriched cookies modulate uremic toxins and inflammation in hemodialysis patients: a randomized, double-blind, crossover and placebo-controlled trial. <i>Food and Function</i> , 2020, 11, 2617-2625.	4.6	21
126	Cinnamaldehyde protects against rat intestinal ischemia/reperfusion injuries by synergistic inhibition of NF- $\kappa$ B and p53. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1208-1222.	6.1	24
127	Cardiovascular disease in systemic lupus erythematosus: an update. , 2021, , 415-426.		0
128	Preparation, characterization and antioxidant activity of astaxanthin esters with different molecular structures. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2576-2583.	3.5	12



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129	Caffeoylquinic Acids. , 2021, , 1065-1104.		0
130	Implications of advanced oxidation protein products and vitamin E in atherosclerosis progression. Archives of Medical Sciences Atherosclerotic Diseases, 2021, 6, 135-144.	1.0	4
131	Comparison of oxidant stress levels among healthy, chronic periodontitis, and ischemic heart disease subjects with presence or absence of chronic periodontitis. Contemporary Clinical Dentistry, 2021, 12, 157.	0.7	1
132	Targets of Vitamin C With Therapeutic Potential for Cardiovascular Disease and Underlying Mechanisms: A Study of Network Pharmacology. Frontiers in Pharmacology, 2020, 11, 591337.	3.5	13
133	Inflammation and its association with oxidative stress in dogs with heart failure. BMC Veterinary Research, 2021, 17, 176.	1.9	18
134	Vitamin E beyond Its Antioxidant Label. Antioxidants, 2021, 10, 634.	5.1	46
135	Superoxide dismutase: an updated review on its health benefits and industrial applications. Critical Reviews in Food Science and Nutrition, 2022, 62, 7282-7300.	10.3	73
136	Implications of SGLT Inhibition on Redox Signalling in Atrial Fibrillation. International Journal of Molecular Sciences, 2021, 22, 5937.	4.1	6
137	Normal weight obesity and unaddressed cardiometabolic health risk—a narrative review. International Journal of Obesity, 2021, 45, 2141-2155.	3.4	42
138	“The Return of the Prodigal Son”—Oxidative Stress, Antioxidant Solutions and their Place in the Modern Medical Practice. Medicina Interna (Bucharest, Romania: 1991), 2021, 18, 7-9.	0.0	0
139	Oxidative Stress “An Update and Insight in the Romanian Family Physician’s Adoption of the Concept. Medicina Interna (Bucharest, Romania: 1991), 2021, 18, 11-15.	0.0	0
140	Immunohistochemical Analysis of 4-HNE, NGAL, and HO-1 Tissue Expression after Apocynin Treatment and HBO Preconditioning in Postischemic Acute Kidney Injury Induced in Spontaneously Hypertensive Rats. Antioxidants, 2021, 10, 1163.	5.1	10
141	Protective Effects of Myrtus communis Linn Fruit and Leaf Extracts on Isoproterenol-Induced Heart Failure in Rat. Traditional and Integrative Medicine, 0, , .	0.0	0
142	Biological Activities of Paeonol in Cardiovascular Diseases: A Review. Molecules, 2021, 26, 4976.	3.8	14
143	Necrostatin-1 reduces cardiac and mitochondrial dysfunction in prediabetic rats. Journal of Endocrinology, 2021, 251, 27-39.	2.6	9
144	Does timing of phytonutrient intake influence the suppression of postprandial oxidative stress? A systematic literature review. Redox Biology, 2021, 46, 102123.	9.0	7
145	Effects of SGLT2 Inhibitors on Ion Homeostasis and Oxidative Stress associated Mechanisms in Heart Failure. Biomedicine and Pharmacotherapy, 2021, 143, 112169.	5.6	22
146	Chemical Diversity and Biological Activity of African Propolis. Progress in the Chemistry of Organic Natural Products, 2019, 109, 415-450.	1.1	7

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147	Chemical and Biological Mechanisms of Phytochemical Activation of NRF2 and Importance in Disease Prevention. , 2013, 43, 121-155.		27
148	Resistant starch supplementation attenuates inflammation in hemodialysis patients: a pilot study. International Urology and Nephrology, 2020, 52, 549-555.	1.4	10
150	Serum amyloid A impairs the antiinflammatory properties of HDL. Journal of Clinical Investigation, 2015, 126, 266-281.	8.2	128
151	Thymosin Beta 4 Protects Cardiomyocytes from Oxidative Stress by Targeting Anti-Oxidative Enzymes and Anti-Apoptotic Genes. PLoS ONE, 2012, 7, e42586.	2.5	39
152	Endothelial-Derived Oxidative Stress Drives Myofibroblastic Activation and Calcification of the Aortic Valve. PLoS ONE, 2015, 10, e0123257.	2.5	52
153	Shuxuening injection protects against myocardial ischemia-reperfusion injury through reducing oxidative stress, inflammation and thrombosis. Annals of Translational Medicine, 2019, 7, 562-562.	1.7	20
154	The Protective Mechanism of Cannabidiol in Cardiac Injury: A Systematic Review of Non-Clinical Studies. Current Pharmaceutical Design, 2019, 25, 2499-2507.	1.9	25
155	Oxidative Stress in the Heart of Rats Infected with <i>Trypanosoma evansi</i>. Korean Journal of Parasitology, 2016, 54, 247-252.	1.3	4
156	Potential of Cydonia oblonga leaves in cardiovascular disease.. Hypothesis (University of Toronto) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	10
157	Changes in Glucose-6-phosphate Dehydrogenase Activity in Paroxysmal Atrial Fibrillation. Journal of Cardiobiology, 2014, 2, .	0.4	0
159	Role of hepcidin in hearing loss. Medical Journal of Babylon, 2018, 15, 376.	0.6	1
160	Ethnopharmacological and toxicological review of Cydonia oblonga M.. Makedonsko Farmaceutski Bilten, 2018, 64, 3-16.	0.0	0
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