CITATION REPORT List of articles citing

A novel component of the metabolic syndrome: the oxidative stress

DOI: 10.1016/j.numecd.2009.06.002 Nutrition, Metabolism and Cardiovascular Diseases, 2010, 20, 72-7.

Source: https://exaly.com/paper-pdf/49551363/citation-report.pdf

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
262	Gene regulatory network reveals oxidative stress as the underlying molecular mechanism of type 2 diabetes and hypertension. 2010 , 3, 45		37
261	Chronic melatonin consumption prevents obesity-related metabolic abnormalities and protects the heart against myocardial ischemia and reperfusion injury in a prediabetic model of diet-induced obesity. 2011 , 50, 171-82		97
260	The Association between Serum GGT Concentration and Diabetic Peripheral Polyneuropathy in Type 2 Diabetic Patients. 2010 , 34, 111-8		12
259	Apocynin improves insulin resistance through suppressing inflammation in high-fat diet-induced obese mice. 2010 , 2010, 858735		16
258	Revisiting the association between metabolic syndrome and depressive symptoms. 2010 , 20, 852-5		4
257	Effects of coenzyme Q10 on arterial stiffness, metabolic parameters, and fatigue in obese subjects: a double-blind randomized controlled study. <i>Journal of Medicinal Food</i> , 2011 , 14, 386-90	2.8	40
256	Metal-based anti-diabetic drugs: advances and challenges. 2011 , 40, 11675-86		95
255	Role of oxidized low density lipoproteins and free fatty acids in the pathogenesis of glomerulopathy and tubulointerstitial lesions in type 2 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011 , 21, 79-85	4.5	59
254	Da B renal en pacientes con sEdrome metablico que consultan en atenciB primaria. 2011 , 37, 119-124		
253	Oxidative Stress and Inflammation in Heart Disease: Do Antioxidants Have a Role in Treatment and/or Prevention?. 2011 , 2011, 514623		158
252	Liposomal Antioxidants for Protection against Oxidant-Induced Damage. 2011 , 2011, 152474		84
251	ALOX12 polymorphisms are associated with fat mass but not peak bone mineral density in Chinese nuclear families. 2011 , 35, 378-86		21
250	An antioxidant probiotic reduces postprandial lipemia and oxidative stress. 2011 , 6, 32-40		9
249	Metabolic profiling of vitamin C deficiency in Gulo-/- mice using proton NMR spectroscopy. 2011 , 49, 165-73		7
248	Effects of weight loss on structural and functional alterations of subcutaneous small arteries in obese patients. 2011 , 58, 29-36		58
247	Novel Conjugates of 1,3-Diacylglycerol and Lipoic Acid: Synthesis, DPPH Assay, and RP-LC-MS-APCI Analysis. 2011 , 2011, 419809		12
246	Treatment of metabolic syndrome slows progression of diabetic nephropathy. 2011 , 9, 483-9		17

245	Lower oxidative DNA damage despite greater ROS production in muscles from rats selectively bred for high running capacity. 2011 , 300, R544-53		51
244	Consequences of PPAR(#Invalidation on Glutathione Synthesis: Interactions with Dietary Fatty Acids. 2011 , 2011, 256186		5
243	Integrated genomic approaches to identification of candidate genes underlying metabolic and cardiovascular phenotypes in the spontaneously hypertensive rat. 2011 , 43, 1207-18		23
242	The relationship between serum uric acid concentration and metabolic syndrome in patients with schizophrenia or schizoaffective disorder. 2012 , 32, 585-92		11
241	Oxidative stress increases continuously with BMI and age with unfavourable profiles in males. 2012 , 15, 159-65		63
240	Phytosterol and Lipoic Acid Conjugates: Synthesis, Free Radical Scavenging Capacity and RP-LC-MS-APCI Analysis. 2012 , 62, 159-169		8
239	Oxidant stress and skeletal muscle microvasculopathy in the metabolic syndrome. 2012 , 57, 150-9		26
238	Blood pressure and metabolic effect of a combination of lercanidipine with different antihypertensive drugs in clinical practice. 2012 , 34, 113-7		17
237	Elevated advanced oxidation protein products (AOPPs) indicate metabolic risk in severely obese children. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012 , 22, 237-43	4.5	35
236	Allelic variations in superoxide dismutase-1 (SOD1) gene and renal and cardiovascular morbidity and mortality in type 2 diabetic subjects. 2012 , 106, 359-65		30
235	Improvement of metabolic parameters and vascular function by metformin in obese non-diabetic rats. 2012 , 90, 228-35		19
234	Mitochondria: commanders of innate immunity and disease?. 2012 , 24, 32-40		75
233	Matrix metalloproteinases in metabolic syndrome. 2012 , 23, 99-104		65
232	Abresham ameliorates dyslipidemia, hepatic steatosis and hypertension in high-fat diet fed rats by repressing oxidative stress, TNF-hand normalizing NO production. 2012 , 64, 705-12		15
231	Influence of dietary fat ingestion on asymmetrical dimethylarginine in lean and obese human subjects. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012 , 22, 720-6	4.5	12
230	Sesamol alleviates diet-induced cardiometabolic syndrome in rats via up-regulating PPAR∏PPAR∃ and e-NOS. 2012 , 23, 1482-9		27
229	Regulation of SREBP-Mediated Gene Expression. 2012 , 28, 287-294		13
228	Oxidative stress and inflammation interactions in human obesity. 2012 , 68, 701-11		238

227	Eugenia jambolana seed extract supplementation attenuates cardiac and hepatic oxidative stress and pathophysiological changes in hypercholesterolemic rats. 2012 , 12, 99-106	3
226	Oxidative stress in phenylketonuria: future directions. 2012 , 35, 381-98	41
225	Structural alterations in small resistance arteries in obesity. 2012 , 110, 56-62	17
224	Regulation of adipose tissue energy availability through blood flow control in the metabolic syndrome. 2012 , 52, 2108-19	24
223	Melatonin and the metabolic syndrome: a tool for effective therapy in obesity-associated abnormalities?. 2012 , 205, 209-23	78
222	Kinetic Study of the Inhibition of Linoleic Acid Oxidation in Aqueous Media by Phenolic Compounds. 2012 , 7, 50-56	5
221	Children born to diabetic mothers may be more likely to have intellectual disability. 2013 , 17, 928-32	9
220	Oxidative stress is associated with C-reactive protein in nondiabetic postmenopausal women, independent of obesity and insulin resistance. 2013 , 79, 65-70	15
219	Advanced glycation endproducts in food and their effects on health. 2013 , 60, 10-37	408
218	Lipid peroxidation and antioxidant responses in zebrafish brain induced by Aphanizomenon flos-aquae DC-1 aphantoxins. 2013 , 144-145, 250-6	23
217	Effect of ABT-335 (fenofibric acid) on meal-induced oxidative stress in patients with metabolic syndrome. 2013 , 231, 268-73	3
216	Circulating endothelial progenitor cells, microvascular density and fibrosis in obesity before and after bariatric surgery. 2013 , 22, 165-72	32
215	Blueberry anthocyanins in health promotion: A metabolic overview. 2013 , 5, 1518-1528	148
214	Antioxidant system response is modified by dietary fat in adipose tissue of metabolic syndrome patients. 2013 , 24, 1717-23	28
213	Why it is necessary to translate curcumin into clinical practice for the prevention and treatment of metabolic syndrome?. 2013 , 39, 197-208	125
212	Nutrition and oxidative stress: a systematic review of human studies. 2013 , 64, 312-26	64
211	Antihypercholesterolemic and antioxidative effects of an extract of the oyster mushroom, Pleurotus ostreatus, and its major constituent, chrysin, in Triton WR-1339-induced hypercholesterolemic rats. 2013 , 69, 313-23	71
210	12 weeks' aerobic and resistance training without dietary intervention did not influence oxidative stress but aerobic training decreased atherogenic index in middle-aged men with impaired glucose regulation. 2013 , 61, 127-35	25

(2014-2013)

209	Relationships between serum total bilirubin levels and metabolic syndrome in Korean adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 31-7	4.5	64
208	Oxidative status in nondiabetic middle-aged subjects with metabolic syndrome: preliminary data. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, e17-8	4.5	2
207	A single oral dose of fructose induces some features of metabolic syndrome in rats: role of oxidative stress. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 536-42	4.5	19
206	Protein oxidation in a group of subjects with metabolic syndrome. 2013 , 7, 38-41		10
205	Metabolic syndrome and renal disease. 2013 , 164, 141-50		52
204	Aging-like skin changes in metabolic syndrome model mice are mediated by mineralocorticoid receptor signaling. 2013 , 12, 50-7		24
203	Pinto Beans (Phaseolus vulgaris L.) as a Functional Food: Implications on Human Health. 2013 , 3, 90-111		58
202	Study of zalema grape pomace: phenolic composition and biological effects in Caenorhabditis elegans. 2013 , 61, 5114-21		38
201	Protective effects of sulfated chitooligosaccharides with different degrees of substitution in MIN6 cells. 2013 , 52, 92-8		16
200	DNA damage and cytotoxicity in adult subjects with prediabetes. 2013 , 753, 76-81		20
199	A biomarker of oxidative stress as a nontraditional risk factor in obese subjects. 2013 , 7, 633-9		15
198	Gelatinases and their tissue inhibitors in a group of subjects with metabolic syndrome. 2013 , 61, 978-83		27
197	The impact of rapid weight loss on oxidative stress markers and the expression of the metabolic syndrome in obese individuals. 2013 , 2013, 729515		28
196	Short-term diet and moderate exercise in young overweight men modulate cardiocyte and hepatocarcinoma survival by oxidative stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2014 , 2014, 131	6274	33
195	Lipid peroxidation, nitric oxide metabolites, and their ratio in a group of subjects with metabolic syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2014 , 2014, 824756	6.7	14
194	Antihypercholesterolemic and Antioxidative Potential of an Extract of the Plant, Piper betle, and Its Active Constituent, Eugenol, in Triton WR-1339-Induced Hypercholesterolemia in Experimental Rats. 2014 , 2014, 478973		39
193	Micronutrients and superoxide dismutase in postmenopausal women with chronic periodontitis: a pilot interventional study. 2014 , 44, 207-13		7
192	Nonalcoholic fatty liver disease and vascular disease: state-of-the-art. 2014 , 20, 13306-24		135

191	Tubulointerstitial disease in diabetic nephropathy. 2014 , 7, 107-15		31
190	Oxidatively modified forms of albumin in patients with risk factors of metabolic syndrome. <i>Journal of Endocrinological Investigation</i> , 2014 , 37, 819-27	5.2	31
189	NLRP3 inflammasome activation by mitochondrial ROS in bronchial epithelial cells is required for allergic inflammation. 2014 , 5, e1498		116
188	Relevance of a Hypersaline Sodium-Rich Naturally Sparkling Mineral Water to the Protection against Metabolic Syndrome Induction in Fructose-Fed Sprague-Dawley Rats: A Biochemical, Metabolic, and Redox Approach. 2014 , 2014, 384583		20
187	Study of the correlations among some parameters of the oxidative status, gelatinases, and their inhibitors in a group of subjects with metabolic syndrome. 2014 , 2014, 510619		5
186	The Association between the Epicardial Adipose Tissue Thickness and Oxidative Stress Parameters in Isolated Metabolic Syndrome Patients: A Multimarker Approach. 2014 , 2014, 954045		10
185	Lupeol: An antioxidant triterpene in Ficus pseudopalma Blanco (Moraceae). 2014 , 4, 109-18		24
184	Association of serum £ocopherol, £arotene, and retinol with liver cancer incidence and chronic liver disease mortality. 2014 , 111, 2163-71		18
183	Higher serum carotenoid concentrations associated with a lower prevalence of the metabolic syndrome in middle-aged and elderly Chinese adults. 2014 , 112, 2041-8		33
182	Determination of Polyphenol Components of Korean Prostrate Spurge (Euphorbia supina) by Using Liquid Chromatography-Tandem Mass Spectrometry: Overall Contribution to Antioxidant Activity. 2014 , 2014, 418690		17
181	Reduced-calorie avocado paste attenuates metabolic factors associated with a hypercholesterolemic-high fructose diet in rats. 2014 , 69, 18-24		11
180	Mitochondrial dysfunction in obesity: potential benefit and mechanism of Co-enzyme Q10 supplementation in metabolic syndrome. 2014 , 13, 60		41
179	Recrystallization of dihydromyricetin from Ampelopsis grossedentata and its anti-oxidant activity evaluation. 2014 , 17, 422-9		36
178	Metabolic and oxidative stress markers in Wistar rats after 2´months on a high-fat diet. 2014 , 6, 130		30
177	Using the decision tree for emphasizing the benefits of associating antioxidants in the therapy of the metabolic syndrome. 2015 ,		
176	Relationship between the concentrations of heavy metals and bioelements in aging men with metabolic syndrome. 2015 , 12, 3944-61		66
175	ACE Reduces Metabolic Abnormalities in a High-Fat Diet Mouse Model. 2015 , 2015, 352647		4
174	Antioxidative diet supplementation reverses high-fat diet-induced increases of cardiovascular risk factors in mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 467471	6.7	28

(2015-2015)

173	Simultaneous Determination of Endogenous Antioxidants and Malondialdehyde by RP-HPLC Coupled with Electrochemical Detector in Serum Samples. 2015 , 38, 1052-1060	9
172	Urine 8-isoprostane in relation to adiposity and insulin resistance in individuals at high cardiometabolic risk. 2015 , 13, 187-91	6
171	Vitamin E and selenium in broiler breeder diets: Effect on live performance, hatching process, and chick quality. 2015 , 94, 976-83	42
170	Advances in grain sorghum and its co-products as a human health promoting dietary system. 2015 , 77, 349-359	58
169	New insight into improvement of cardiovascular outcomes with intensive glycemic control in patients with metabolic syndrome and type 2 diabetes mellitus included. 2015 , 71, 9-15	
168	Antioxidant and anti-inflammatory effects of curcuminoid-piperine combination in subjects with metabolic syndrome: A randomized controlled trial and an updated meta-analysis. 2015 , 34, 1101-8	255
167	Plasma extracellular superoxide dismutase concentration, allelic variations in the SOD3 gene and risk of myocardial infarction and all-cause mortality in people with type 1 and type 2 diabetes. 2015 , 14, 845	34
166	Oxidative stress in obesity: a critical component in human diseases. 2014 , 16, 378-400	479
165	Geranium oil ameliorates endothelial dysfunction in high fat high sucrose diet induced metabolic complications in rats. 2015 , 15, 284-293	5
164	Antioxidation improves in puberty in normal weight and obese boys, in positive association with exercise-stimulated growth hormone secretion. 2015 , 78, 158-64	17
163	Association of the Ala16Val MnSOD gene polymorphism with plasma leptin levels and oxidative stress biomarkers in obese patients. 2015 , 568, 35-9	17
162	Cardiovascular and psychiatric characteristics associated with oxidative stress markers among adolescents with bipolar disorder. 2015 , 79, 222-7	23
161	Association between management of metabolic syndrome and progression of early-stage chronic kidney disease: an observational cohort study. 2015 , 37, 29-36	6
160	Insights into the molecular mechanisms of diabetes-induced endothelial dysfunction: focus on oxidative stress and endothelial progenitor cells. 2015 , 50, 537-67	40
159	Synergistic effects of Artemisia iwayomogi and Curcuma longa radix on high-fat diet-induced hyperlipidemia in a mouse model. 2015 , 173, 217-24	16
158	Proteomic proof that a probiotic elevates glutathione level in human serum. 2015 , 10,	1
157	Potential benefits of mindfulness-based interventions in mild cognitive impairment and Alzheimer's disease: an interdisciplinary perspective. 2015 , 276, 199-212	51
156	Investigation of in vitro and in vivo antioxidant activities of flavonoids rich extract from the berries of Rhodomyrtus tomentosa(Ait.) Hassk. 2015 , 173, 194-202	98

155	Assessments of antioxidant effect of black tea extract and its rationals by erythrocyte haemolysis assay, plasma oxidation assay and cellular antioxidant activity (CAA) assay. 2015 , 18, 1095-1105	36
154	Leaves of Schinus polygamous (Cav.) Cabrera (Anacardiaceae) are a potential source of hepatoprotective and antioxidant phytochemicals. 2016 , 10, 223-231	4
153	Peroxisome Proliferator-Activated Receptor-Gene Expression and Its Association with Oxidative Stress in Patients with Metabolic Syndrome. 2016 , 52, 201-6	10
152	Creosote Bush (Larrea tridentata) Improves Insulin Sensitivity and Reduces Plasma and Hepatic Lipids in Hamsters Fed a High Fat and Cholesterol Diet. 2016 , 7, 194	7
151	Rice protein suppresses ROS generation and stimulates antioxidant gene expression via Nrf2 activation in adult rats. 2016 , 585, 256-64	27
150	Rice proteins, extracted by alkali and Emylase, differently affect in vitro antioxidant activity. 2016 , 206, 137-45	37
149	Lifestyle predictors of oxidant and antioxidant enzyme activities and total antioxidant capacity in healthy women: a cross-sectional study. 2016 , 72, 745-762	4
148	Elevated urinary levels of 8-oxo-2'-deoxyguanosine, (5'R)- and (5'S)-8,5'-cyclo-2'-deoxyadenosines, and 8-iso-prostaglandin F as potential biomarkers of oxidative stress in patients with prediabetes. 2016 , 48, 1-7	24
147	Inhibitory activity of the protein carbonylation and hepatoprotective effect of the ethanol-soluble extract of Caesalpinia coriaria Jacq. 2016 , 16, 225-232	1
146	In vitro antioxidant activity of rice protein affected by alkaline degree and gastrointestinal protease digestion. 2016 , 96, 4940-4950	18
145	Melatonin protects female rats against steatosis and liver oxidative stress induced by oestrogen deficiency. 2016 , 157, 178-186	15
144	Association of elevated frequency of micronuclei in peripheral blood lymphocytes of type 2 diabetes patients with nephropathy complications. 2016 , 31, 627-633	21
143	Biomarkers of Metabolic Syndrome: Biochemical Background and Clinical Significance. 2016 , 14, 47-93	16
142	Ingestion of a natural mineral-rich water in an animal model of metabolic syndrome: effects in insulin signalling and endoplasmic reticulum stress. 2016 , 26, 135-50	5
141	Evaluation of the effects of roselle (Hibiscus sabdariffa L.) on oxidative stress and serum levels of lipids, insulin and hs-CRP in adult patients with metabolic syndrome: a double-blind placebo-controlled clinical trial. 2016 , 13, 175-80	24
140	Effects of epicatechin gallate (ECG) on fetal bovine serum (FBS)-induced steatosis in human liver cell line L02 and 2,2?-azobis (2-amidinopropane) (AAPH)-induced oxidative stress in human erythrocytes. 2016 , 242, 495-504	2
139	Neuroprotective effects of metformin against Almediated inhibition of long-term potentiation in rats fed a high-fat diet. 2016 , 121, 178-85	58
138	Estimation of oxidative stress parameters in rats after simultaneous administration of rosuvastatin with antidepressants. 2016 , 68, 172-6	12

137	Health benefits of walnut polyphenols: An exploration beyond their lipid profile. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 3373-3383	65
136	The effects of emodin on cell viability, respiratory burst and gene expression of Nrf2-Keap1 signaling molecules in the peripheral blood leukocytes of blunt snout bream (Megalobrama amblycephala). 2017 , 62, 75-85	29
135	Trimetazidine potentiates the antiepileptic activity and ameliorates the metabolic changes associated with pentylenetetrazole kindling in rats treated with valproic acid. 2017 , 95, 686-696	5
134	Excessive consumption of fructose causes cardiometabolic dysfunctions through oxidative stress and inflammation. 2017 , 95, 1078-1090	15
133	Mechanism of Generation of Oxidative Stress and Pathophysiology of Type 2 Diabetes Mellitus: How Are They Interlinked?. 2017 , 118, 3577-3585	204
132	Hepatoprotective and antioxidant activity of quercetin loaded chitosan/alginate particles in vitro and in vivo in a model of paracetamol-induced toxicity. 2017 , 92, 569-579	49
131	Therapeutic Strategies for Mitochondrial Dysfunction and Oxidative Stress in Age-Related Metabolic Disorders. 2017 , 146, 13-46	32
130	Association between liver function and metabolic syndrome in Chinese men and women. 2017 , 7, 44844	28
129	The Effects of Curcumin and Curcumin-Phospholipid Complex on the Serum Pro-oxidant-Antioxidant Balance in Subjects with Metabolic Syndrome. 2017 , 31, 1715-1721	24
128	Oxidative status and reduced glutathione levels in premature coronary artery disease and coronary artery disease. 2017 , 51, 787-798	7
127	Neuroprotective Effect of Taurine-Rich Cuttlefish (Sepia officinalis) Extract Against Hydrogen Peroxide-Induced Oxidative Stress in SH-SY5Y Cells. 2017 , 975 Pt 1, 243-254	3
126	Antioxidant potentials of successive solvent extracts from the unexplored rhizome. 2017 , 54, 3297-3306	4
125	Sleep and Cardiovascular Dysfunctions in Bipolar Disorder. 2017 , 3, 251-261	1
124	Diets rich in saturated fat and fructose induce anxiety and depression-like behaviours in the rat: is there a role for lipid peroxidation?. 2017 , 98, 296-306	26
123	Essential oil eugenol: sources, extraction techniques and nutraceutical perspectives. 2017 , 7, 32669-32681	128
122	Is peritoneal dialysis causing a measurable burden of inflammatory and endothelial injury on top of metabolic syndrome?. <i>Journal of Endocrinological Investigation</i> , 2017 , 40, 163-168	3
121	Effect of foxtail millet protein hydrolysates on lowering blood pressure in spontaneously hypertensive rats. 2017 , 56, 2129-2138	20
120	Oxidative Stress-Mediated Atherosclerosis: Mechanisms and Therapies. 2017 , 8, 600	200

119	Effects of Obesity on Pro-Oxidative Conditions and DNA Damage in Liver of DMBA-Induced Mammary Carcinogenesis Models. 2017 , 7,		4
118	Regulates the Inflammatory Responses in Human Bronchial Epithelial Cells. 2017 , 80, 247-254		
117	Different Intestinal Microbial Profile in Over-Weight and Obese Subjects Consuming a Diet with Low Content of Fiber and Antioxidants. <i>Nutrients</i> , 2017 , 9,	6.7	28
116	Comparative effects of microvascular and macrovascular disease on the risk of major outcomes in patients with type 2 diabetes. 2017 , 16, 95		52
115	Mortality from different causes associated with meat, heme iron, nitrates, and nitrites in the NIH-AARP Diet and Health Study: population based cohort study. 2017 , 357, j1957		131
114	Garlic extract favorably modifies markers of endothelial function in obese patients -randomized double blind placebo-controlled nutritional intervention. 2018 , 102, 792-797		26
113	Dietary Apostichopus japonicus Alleviates Diabetes Symptoms and Modulates Genes Expression in Kidney Tissues of db/db Mice. 2018 , 66, 154-162		7
112	Oxidative stress biomarkers in type 2 diabetes mellitus for assessment of cardiovascular disease risk. 2018 , 12, 455-462		37
111	Insight from mitochondrial functions and proteomics to understand cardiometabolic disorders in survivors of acute lymphoblastic leukemia. 2018 , 85, 151-160		9
110	Rice bran protein hydrolysates reduce arterial stiffening, vascular remodeling and oxidative stress in rats fed a high-carbohydrate and high-fat diet. 2018 , 57, 219-230		22
109	Antioxidant response to artichoke leaf extract supplementation in metabolic syndrome: A double-blind placebo-controlled randomized clinical trial. 2018 , 37, 790-796		15
108	Zinc status is associated with inflammation, oxidative stress, lipid, and glucose metabolism. 2018 , 68, 19-31		157
107	Thyroid Dysfunction in Patients with Metabolic Syndrome: A Cross-Sectional, Epidemiological, Pan-India Study. 2018 , 2018, 2930251		8
106	A 6-week supplementation with grape pomace to subjects at cardiometabolic risk ameliorates insulin sensitivity, without affecting other metabolic syndrome markers. 2018 , 9, 6010-6019		18
105	Association of plasma and urine viscosity with cardiometabolic risk factors and oxidative status. A pilot study in subjects with abdominal obesity. <i>PLoS ONE</i> , 2018 , 13, e0204075	3.7	6
104	Importance du mEabolisme des protines et des acides amini dans la prilention et la prise en charge du syndrome mEabolique. Modulation par les acides gras n-3. 2018 , 53, 267-278		1
103	Subcellular Organelles in Immune Responses of Severe Asthma: The Roles of Mitochondria and Endoplasmic Reticulum. 2018 ,		
102	Jaboticaba: Chemistry and Bioactivity. 2018 , 1-27		

101	Palates link soil and plants with herbivores and humans. 2018 , 58, 1432	2
100	Arsenic Methylation Capacity and Metabolic Syndrome in the 2013-2014 U.S. National Health and Nutrition Examination Survey (NHANES). 2018 , 15,	14
99	Elevated levels of 8-oxoGuo and 8-oxodG in individuals with severe mental illness - An autopsy-based study. 2018 , 126, 372-378	6
98	Decreased circulating T regulatory lymphocytes in obese patients undergoing bariatric surgery. PLoS ONE, 2018 , 13, e0197178	12
97	iRhom2 promotes atherosclerosis through macrophage inflammation and induction of oxidative stress. 2018 , 503, 1897-1904	12
96	Weight loss program is associated with decrease Eocopherol status in obese adults. 2019 , 38, 1861-1870	11
95	Intricate role of oxidative stress in the progression of obesity. 2019 , 15, 100125	7
94	High fat-low protein diet induces metabolic alterations and cognitive dysfunction in female rats. 2019 , 34, 1531-1546	7
93	Acacia Senegal (Gum Arabic) Supplementation Modulate Lipid Profile and Ameliorated Dyslipidemia among Sickle Cell Anemia Patients. 2019 , 2019, 3129461	5
92	Effects of vitamin C supplementation with and without endurance physical activity on components of metabolic syndrome: A randomized, double-blind, placebo-controlled clinical trial. 2019 , 26, 23-33	6
91	Isolation and identification of an antioxidant collagen peptide from skipjack tuna () bone 2019 , 9, 27032-270	1411
90	Raspberry (Rubus idaeus L.) fruit extract decreases oxidation markers, improves lipid metabolism and reduces adipose tissue inflammation in hypertrophied 3T3-L1 adipocytes. 2019 , 62, 103568	12
89	Jaboticaba: Chemistry and Bioactivity. 2019 , 1225-1251	1
88	Reactive oxygen species (ROS)-responsive microspheres for targeted drug delivery of camptothecin. 2019 , 52, 722-729	8
87	(Amla) Ameliorates High-Fat Diet Induced Alteration of Cardiovascular Pathophysiology. 2019 , 17, 52-63	7
86	Encapsulated Mulberry Fruit Extract Alleviates Changes in an Animal Model of Menopause with Metabolic Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 5360560	3
85	Inflammation. 2019 , 23-51	4
84	Methionine Augments Antioxidant Activity of Rice Protein during Gastrointestinal Digestion. 2019 , 20,	9

83	Cardiovascular Disease in Gout and the Protective Effect of Treatments Including Urate-Lowering Therapy. 2019 , 79, 531-541	24
82	Nanotechnology-Mediated Drug Delivery for the Treatment of Obesity and Its Related Comorbidities. 2019 , 8, e1801184	14
81	Rice Bran Protein: Extraction, Nutraceutical Properties, and Potential Applications. 2019, 271-293	1
80	The effect of cumin supplementation on metabolic profiles in patients with metabolic syndrome: A randomized, triple blind, placebo-controlled clinical trial. 2019 , 33, 1182-1190	6
79	Impact of Alpha-Lipoic Acid Chronic Discontinuous Treatment in Cardiometabolic Disorders and Oxidative Stress Induced by Fructose Intake in Rats. <i>Antioxidants</i> , 2019 , 8,	10
78	The Association Between Metabolic Syndrome and Serum Concentrations of Micronutrients, Inflammation, and Oxidative Stress Outside of the Clinical Reference Ranges: A Cross-Sectional Study. 2019 , 17, 29-36	11
77	Effects of acute intake of grape/pomegranate pomace dietary supplement on glucose metabolism and oxidative stress in adults with abdominal obesity. 2020 , 71, 94-105	10
76	Codonopsis lanceolata polysaccharide CLPS alleviates high fat/high sucrose diet-induced insulin resistance via anti-oxidative stress. 2020 , 145, 944-949	16
75	Behaviour of carbonyl groups in several clinical conditions: Analysis of our survey. 2020 , 74, 299-313	4
74	Comprehensive lipidomic profiling in serum and multiple tissues from a mouse model of diabetes. 2020 , 16, 115	6
73	Protective Role of Seed Extract in High-Fat High-Fructose-Fed Rats. 2020 , 2020, 5206204	1
72	Effects of flaxseed oil supplementation on biomarkers of inflammation and oxidative stress in patients with metabolic syndrome and related disorders: A systematic review and meta-analysis of randomized controlled trials. 2020 , 40, 27-33	3
71	Ovariectomized rodents as a menopausal metabolic syndrome model. A minireview. 2020 , 475, 261-276	13
70	Protective Effects of a Discontinuous Treatment with Alpha-Lipoic Acid in Obesity-Related Heart Failure with Preserved Ejection Fraction, in Rats. <i>Antioxidants</i> , 2020 , 9, 7.1	6
69	Odd-numbered agaro-oligosaccharides alleviate type 2 diabetes mellitus and related colonic microbiota dysbiosis in mice. 2020 , 240, 116261	18
68	Effect of bariatric surgery in the evolution of oxidative stress depending on the presence of atheroma in patients with morbid obesity. 2020 , 16, 1258-1265	3
67	Artichoke leaf extract and use in metabolic syndrome as an antioxidant. 2020, 169-177	
66	Possible differences in the mechanism of malignant transformation of HaCaT cells by arsenite and its dimethyl metabolites, particularly dimethylthioarsenics. 2020 , 61, 126544	3

(2021-2020)

65	Assessment of the In Vivo Antioxidant Activity of an Anthocyanin-Rich Bilberry Extract Using the Model. <i>Antioxidants</i> , 2020 , 9,	7.1	4
64	Improving the Quality Characteristics and Shelf Life of Meat and Growth Performance in Goose Fed Diets Supplemented with Vitamin E. <i>Foods</i> , 2020 , 9,	4.9	9
63	Vitamin E: Tocopherols and tocotrienol and their role in health and disease. 2020 , 283-293		3
62	Impact of aerobic exercise, sex, and metabolic syndrome on markers of oxidative stress: results from the study. <i>Journal of Applied Physiology</i> , 2020 , 128, 748-756	3.7	6
61	Human Herpesvirus 8 infection may contribute to oxidative stress in diabetes type 2 patients. <i>BMC Research Notes</i> , 2020 , 13, 75	2.3	6
60	How Dietary Diversity Enhances Hedonic and Eudaimonic Well-Being in Grazing Ruminants. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 191	3.1	11
59	Serum Cotinine, Serum F2-isoprostane and Risk of Metabolic Syndrome in Adult Male Tobacco Users. <i>European Journal of Medical and Health Sciences</i> , 2021 , 3, 62-67	2	
58	Stress and Inflammation. 2021, 277-291		
57	The role of oxidative stress in the development of obesity and obesity-related metabolic disorders. Journal of Medical Biochemistry, 2021 , 40, 1-9	1.9	13
56	National digestive disease specialists survey on cardiovascular risk management in non-alcoholic fatty liver disease in spanish hospitals. <i>Liver International</i> , 2021 , 41, 1243-1253	7.9	0
55	Oxidative stress in early metabolic syndrome impairs cardiac RyR2 and SERCA2a activity and modifies the interplay of these proteins during Ca waves. <i>Archives of Physiology and Biochemistry</i> , 2021 , 1-13	2.2	1
54	Telomere Length and Oxidative Stress and Its Relation with Metabolic Syndrome Components in the Aging. <i>Biology</i> , 2021 , 10,	4.9	10
53	ROS Modulating Effects of Lingonberry (L.) Polyphenols on Obese Adipocyte Hypertrophy and Vascular Endothelial Dysfunction. <i>Nutrients</i> , 2021 , 13,	6.7	8
52	Understanding the role of oxidative stress in the incidence of metabolic syndrome and obstructive sleep apnea. <i>BMC Endocrine Disorders</i> , 2021 , 21, 77	3.3	2
51	Ameliorating effects of metabolic syndrome with the consumption of rich-bioactive compounds fruits from Brazilian Cerrado: a narrative review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-1	8 ^{11.5}	2
50	Evaluation of Insulin Resistance Induced Brain Tissue Dysfunction in Obese Dams and their Neonates: Role of Ipriflavone Amelioration. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021 , 24, 767-780	1.3	1
49	Are people with metabolically healthy obesity really healthy? A prospective cohort study of 381,363 UK Biobank participants. <i>Diabetologia</i> , 2021 , 64, 1963-1972	10.3	14
48	The Interplay between S-Glutathionylation and Phosphorylation of Cardiac Troponin I and Myosin Binding Protein C in End-Stage Human Failing Hearts. <i>Antioxidants</i> , 2021 , 10,	7.1	3

47	Pharmacological Properties and Health Benefits of Eugenol: A Comprehensive Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 2497354	6.7	12
46	Influence of body variables in the development of metabolic syndrome-A long term follow-up study. <i>PLoS ONE</i> , 2018 , 13, e0192751	3.7	7
45	The impact of protein oxidation on sustained and white coat hypertension. <i>Anatolian Journal of Cardiology</i> , 2017 , 17, 210-216	0.8	5
44	Altered composition of high-lipid diet may generate reactive oxygen species by disturbing the balance of antioxidant and free radicals. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020 , 31,	1.6	16
43	Increased chemerin and decreased omentin-1 levels in morbidly obese patients are correlated with insulin resistance, oxidative stress and chronic inflammation. <i>Clujul Medical</i> , 2014 , 87, 19-26		19
42	The Effect of the Chronic Administration of DPP4-Inhibitors on Systemic Oxidative Stress in Rats with Diabetes Type 2. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019 , 20, 199-206	0.3	1
41	Mitochondrial dysfunction and pancreatic islet Etell failure (Review). <i>Experimental and Therapeutic Medicine</i> , 2020 , 20, 266	2.1	6
40	Oxidative stress, point-of-care test, and metabolic syndrome. <i>Korean Journal of Internal Medicine</i> , 2014 , 29, 20-2	2.5	1
39	Increased Serum Angiopoietin-Like 6 Ahead of Metabolic Syndrome in a Prospective Cohort Study. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 521-529	5	10
38	Evaluation of oxidative stress levels in obesity and diabetes by the free oxygen radical test and free oxygen radical defence assays and correlations with anthropometric and laboratory parameters. <i>World Journal of Diabetes</i> , 2020 , 11, 193-201	4.7	42
37	Sargassum sp. Attenuates Oxidative Stress and Suppresses Lipid Accumulation in vitro. <i>Journal of Life Science</i> , 2014 , 24, 274-283		5
36	Blood Pressure and Metabolic Effect of a Combination of Lercanidipine with Different Antihypertensive Drugs in Clinical Practice. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2012 , 11, 36-40	0.9	
35	Cutaneous Oxidative Stress and Aging. 2015 , 1-27		
34	Research Progress on Protective Effects of Polysaccharide on Alcoholic Liver Injury in Mice. <i>Open Journal of Natural Science</i> , 2016 , 04, 1-7	Ο	
33	Cutaneous Oxidative Stress and Aging. 2017 , 651-676		
32	Obesity, reproduction and oxidative stress. <i>Obesity and Metabolism</i> , 2017 , 14, 16-22	0.6	1
31	Different Effects of Three Types of Water on Developmental Behaviors, Lipid Metabolism and Antioxidant Capacity of Juvenile Zebrafish.		О
30	Activity of the System of Oxidative Stress as Antioxidant Protection in Hypertension with Different Classes of Obesity Psareva V. G <i>Ukra\text{\textit{D}}s?kij\text{\text{\text{U}}rnal Medicini B\text{\text{\text{D}}log}\text{\text{\text{IT}}a Sportu, \textbf{2019}, 4, 124-129}</i>	0.1	

29	Role of Heavy Metals in Metabolic Disorders. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2021 , 203-219	0.5	2
28	The Effects of Hydro-Alcoholic Extract of Fenugreek Seeds on the Lipid Profile and Oxidative Stress in Fructose-Fed Rats. <i>Journal of Obesity and Metabolic Syndrome</i> , 2020 , 29, 198-207	4.4	O
27	Microvascular Alterations in Obesity. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2020 , 137-	-1 ∳ 7₁	
26	Oxidative Stress in Takotsubo Syndrome-Is It Essential for an Acute Attack? Indirect Evidences Support Multisite Impact Including the Calcium Overload-Energy Failure Hypothesis. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 732708	5.4	2
25	Glycated hemoglobin and subsequent risk of microvascular and macrovascular complications. <i>Indian Journal of Medical Sciences</i> , 73, 230-238		4
24	Biological Functions and Activities of Rice Bran as a Functional Ingredient: A Review <i>Nutrition and Metabolic Insights</i> , 2021 , 14, 11786388211058559	1.9	4
23	Relationship between hyperuricemia with deposition and sexual dysfunction in males and females <i>Journal of Endocrinological Investigation</i> , 2022 , 1	5.2	О
22	Antioxidant-Rich Dietary Intervention Improves Cardiometabolic Profiles and Arterial Stiffness in Elderly Koreans with Metabolic Syndrome <i>Yonsei Medical Journal</i> , 2022 , 63, 26-33	3	2
21	Oxidative stress in obesity and insulin resistance. Exploration of Medicine, 58-70	1.1	O
20	Relationship Analysis of Inorganic Arsenic Exposure and Metabolic Syndrome Based on Propensity Score Matching in Xinjiang, China <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2022 , 15, 921-931	3.4	
19	Pathophysiological Commonality Between Irritable Bowel Syndrome and Metabolic Syndrome: Role of Corticotropin-releasing Factor-Toll-like Receptor 4-Proinflammatory Cytokine Signaling <i>Journal of Neurogastroenterology and Motility</i> , 2022 ,	4.4	1
18	Mix of natural extracts to improve the oxidative state and liver activity in bulls finished feedlot. <i>Livestock Science</i> , 2022 , 259, 104895	1.7	
17	"Obesity and Insulin Resistance" Is the Component of the Metabolic Syndrome Most Strongly Associated with Oxidative Stress <i>Antioxidants</i> , 2021 , 11,	7.1	4
16	Effect of Acute Intake of Fermented Orange Juice on Fasting and Postprandial Glucose Metabolism, Plasma Lipids and Antioxidant Status in Healthy Human <i>Foods</i> , 2022 , 11,	4.9	O
15	An increased disulfide/native thiol ratio and oxidative stress index in metabolic syndrome patients with postprandial lipemia. <i>International Journal of Diabetes in Developing Countries</i> ,	0.8	
14	Persimmon Water Extract Suppresses Hepatic Lipotoxicity by Regulating Lipid Metabolites. <i>Journal of Medicinal Food</i> , 2022 , 25, 710-721	2.8	
13	Effects of Resveratrol Against Induced Metabolic Syndrome in Rats: Role of Oxidative Stress, Inflammation, and Insulin Resistance. 2022 , 2022, 1-13		1
12	Blood and Urinary Biomarkers of Antipsychotic-Induced Metabolic Syndrome. 2022 , 12, 726		O

11	Therapeutic effects of the gold nanoparticle on obesity-triggered neuroinflammation: a review. 1-8	О
10	In vivo identification of the pharmacodynamic ingredients of Polygonum cuspidatum for remedying the mitochondria to alleviate metabolic dysfunction ssociated fatty liver disease. 2022 , 156, 113849	1
9	Separation and purification of antioxidant peptides from purple speckled kidney bean by macroporous adsorption resin and analysis of amino acid composition. 9,	O
8	Lipotoxicity, glucotoxicity and some strategies to protect vascular smooth muscle cell against proliferative phenotype in metabolic syndrome. 2023 , 172, 113546	O
7	Effects of Alcohol Consumption on Oxidative Stress in a Sample of Patients Recruited in a Dietary Center in a Southern University Hospital: A Retrospective Study. 2022 , 58, 1670	O
6	Exposure to Bisphenol A Substitutes, Bisphenol S and Bisphenol F, and Its Association with Developing Obesity and Diabetes Mellitus: A Narrative Review. 2022 , 19, 15918	1
5	Metabolic Syndrome and Nephrolithiasis; A Cross Sectional Population-based Study on the Baseline Data of the PERSIAN Kavar Cohort Study. 2022 ,	O
4	Adherence to oxidative balance scores and lower odds of non-alcoholic fatty liver disease: a casefiontrol study. 2023 , 13,	O
3	Evaluation of mulberry leaves[hypoglycemic properties and hypoglycemic mechanisms. 14,	O
2	Obesity and Its Association with Undiagnosed Diabetes Mellitus, High Blood Pressure and Hypercholesterolemia in the Malaysian Adult Population: A National Cross-Sectional Study Using NHMS Data. 2023 , 20, 3058	O
1	Role of Nutrition in the Etiopathogenesis and Prevention of Nonalcoholic Fatty Liver Disease (NAFLD) in a Group of Obese Adults. 2023 , 59, 638	0