

Advanced glycation end-products and advanced oxidation products with diabetes mellitus

Physiological Research

51, 597-604

Citation Report

#	ARTICLE	IF	CITATIONS
2	Potential cardiovascular risk factors in chronic kidney disease: AGEs, total homocysteine and metabolites, and the C-reactive protein. <i>Kidney International</i> , 2004, 66, 338-347.	2.6	108
3	Zinc might protect oxidative changes in the retina and pancreas at the early stage of diabetic rats. <i>Toxicology and Applied Pharmacology</i> , 2004, 201, 149-155.	1.3	59
4	New Insights into the Mechanisms of Diabetic Neuropathy. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2004, 5, 227-236.	2.6	77
5	The ABC transporter structure and mechanism: perspectives on recent research. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 682-699.	2.4	475
6	Evaluation of some biochemical changes in diabetic patients. <i>Clinica Chimica Acta</i> , 2004, 346, 161-170.	0.5	240
7	Advanced glycoxidation end products in chronic diseases—clinical chemistry and genetic background. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 579, 37-46.	0.4	167
8	In vitro effects of high glucose concentrations on membrane protein oxidation, G-actin and deformability of human erythrocytes. <i>Cell Biochemistry and Function</i> , 2005, 23, 163-168.	1.4	32
9	Advanced oxidation protein products in serum of patients with myotonic disease type I: association with serum Γ^3 -glutamyltransferase and disease severity. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 745-7.	1.4	8
10	Advanced oxidation protein products (AOPP) for monitoring oxidative stress in critically ill patients: a simple, fast and inexpensive automated technique. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 294-7.	1.4	57
11	Hemolyzed plasma samples in diabetic ketoacidosis (DKA). <i>Journal of Endocrinological Investigation</i> , 2005, 28, 296-297.	1.8	0
12	Human blood plasma advanced oxidation protein products (AOPP) correlates with fibrinogen levels. <i>Free Radical Research</i> , 2006, 40, 952-958.	1.5	49
13	Increased blood plasma hydrolysis of acetylsalicylic acid in type 2 diabetic patients: A role of plasma esterases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 207-215.	1.1	34
14	Oxidative stress and inflammation in pregnancy. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2006, 66, 121-128.	0.6	60
15	Low-density lipoproteins are more electronegatively charged in type 1 than in type 2 diabetes mellitus. <i>Lipids</i> , 2006, 41, 529-533.	0.7	7
16	On-Line Haemodiafiltration versus Haemodialysis: Stable Haematocrit with Less Erythropoietin and Improvement of Other Relevant Blood Parameters. <i>Blood Purification</i> , 2006, 24, 163-173.	0.9	109
17	Respective role of uraemic toxins and myeloperoxidase in the uraemic state. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 1555-1563.	0.4	51
18	Advanced Oxidation Protein Products Accelerate Atherosclerosis Through Promoting Oxidative Stress and Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1156-1162.	1.1	167
19	Advanced Oxidation Protein Products Accelerate Renal Fibrosis in a Remnant Kidney Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 528-538.	3.0	120

#	ARTICLE	IF	CITATIONS
20	The plasma concentration of advanced oxidation protein products and arterial stiffness in apparently healthy adults. <i>Free Radical Research</i> , 2007, 41, 645-649.	1.5	16
21	AOPP and its relations with selected markers of oxidative/antioxidative system in type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2007, 77, 188-192.	1.1	78
22	Experimental diabetes treated with <i>Achillea santolina</i> : Effect on pancreatic oxidative parameters. <i>Journal of Ethnopharmacology</i> , 2007, 112, 13-18.	2.0	99
23	Evaluation of oxidative stress in Insulin Dependent Diabetes Mellitus (IDDM) patients. <i>Diagnostic Pathology</i> , 2007, 2, 22.	0.9	84
24	A novel assay for the evaluation of the prooxidant-antioxidant balance, before and after antioxidant vitamin administration in type II diabetes patients. <i>Clinical Biochemistry</i> , 2007, 40, 248-254.	0.8	184
25	Advanced oxidation protein products in obese women: its relation to insulin resistance and resistin. <i>Clinical and Experimental Medicine</i> , 2007, 7, 173-178.	1.9	26
26	Attenuation of streptozotocin-induced oxidative stress in hepatic and intestinal tissues of wistar rat by methanolic-garlic extract. <i>Acta Diabetologica</i> , 2008, 45, 243-251.	1.2	35
27	The improvement effect of Lys as a chemical chaperone on STZ-induced diabetic rats, protein structure and function. <i>Diabetes/Metabolism Research and Reviews</i> , 2008, 24, 64-73.	1.7	51
28	Plasma glycooxidation protein products in type 2 diabetic patients with nephropathy. <i>Diabetes/Metabolism Research and Reviews</i> , 2008, 24, 549-553.	1.7	31
29	Enhanced formation of advanced oxidation protein products in IBD. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 794-802.	0.9	56
30	Diagnostic potential of oxidative stress markers in children and adolescents with type 1 diabetes. <i>Clinical Biochemistry</i> , 2008, 41, 48-55.	0.8	21
31	PAMAM G4 dendrimers lower high glucose but do not improve reduced survival in diabetic rats. <i>International Journal of Pharmaceutics</i> , 2008, 364, 142-149.	2.6	31
32	Advanced Oxidation Protein Products Activate Vascular Endothelial Cells via a RAGE-Mediated Signaling Pathway. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1699-1712.	2.5	177
33	Protective effects of ACE inhibitors on vascular endothelial dysfunction induced by exogenous advanced oxidation protein products in rats. <i>European Journal of Pharmacology</i> , 2008, 584, 368-375.	1.7	22
34	Effect of spermine on lipid profile and HDL functionality in the streptozotocin-induced diabetic rat model. <i>Life Sciences</i> , 2008, 82, 301-307.	2.0	37
35	Oxidative stress, erythrocyte ageing and plasma non-protein-bound iron in diabetic patients. <i>Free Radical Research</i> , 2008, 42, 716-724.	1.5	16
36	Investigation of the Mechanisms Involved in the High-Dose and Long-Term Acetyl Salicylic Acid Therapy of Type I Diabetic Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 850-857.	1.3	31
37	Advanced Oxidation Protein Products Promote Inflammation in Diabetic Kidney through Activation of Renal Nicotinamide Adenine Dinucleotide Phosphate Oxidase. <i>Endocrinology</i> , 2008, 149, 1829-1839.	1.4	108

#	ARTICLE	IF	CITATIONS
38	Kinetic assay for the determination of the oxidative stress biomarker, advanced oxidation protein products (AOPP) in the human blood plasma. <i>Acta Physiologica Hungarica</i> , 2008, 95, 209-218.	0.9	12
39	HbA1c and Serum Levels of Advanced Glycation and Oxidation Protein Products in Poorly and Well Controlled Children and Adolescents with Type 1 Diabetes Mellitus. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2009, 22, 433-42.	0.4	43
40	Elevated levels of urinary hydrogen peroxide, advanced oxidative protein product (AOPP) and malondialdehyde in humans infected with intestinal parasites. <i>Parasitology</i> , 2009, 136, 359-363.	0.7	34
41	The relationship of serum AGE levels in diabetic mothers with adverse fetal outcome. <i>Journal of Perinatology</i> , 2009, 29, 483-488.	0.9	26
42	Advanced oxidation protein products induce mesangial cell perturbation through PKC-dependent activation of NADPH oxidase. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F427-F437.	1.3	81
43	Resorcylicidene aminoguanidine induces antithrombotic action that is not dependent on its antiglycation activity. <i>Vascular Pharmacology</i> , 2009, 51, 275-283.	1.0	11
44	Comparative assessment of urinary oxidative indices in breast and colorectal cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2009, 135, 319-323.	1.2	36
45	Lipids versus glucose in inflammation and the pathogenesis of macrovascular disease in diabetes. <i>Current Diabetes Reports</i> , 2009, 9, 18-25.	1.7	31
46	Advanced oxidation protein products are increased in women with polycystic ovary syndrome: relationship with traditional and nontraditional cardiovascular risk factors in patients with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2009, 92, 1372-1377.	0.5	47
47	<i>Picrorhiza scrophulariiflora</i> improves accelerated atherosclerosis through inhibition of redox-sensitive inflammation. <i>International Journal of Cardiology</i> , 2009, 136, 315-324.	0.8	9
48	Accumulation of advanced oxidation protein products induces podocyte apoptosis and deletion through NADPH-dependent mechanisms. <i>Kidney International</i> , 2009, 76, 1148-1160.	2.6	106
49	Dietary Advanced Glycation End Products and Aging. <i>Nutrients</i> , 2010, 2, 1247-1265.	1.7	289
50	Diabetic Cardiomyopathy – to Take a Long Story Serious. <i>Herz</i> , 2010, 35, 161-168.	0.4	16
51	The oxidative stress status in diabetes mellitus and diabetic nephropathy. <i>Acta Diabetologica</i> , 2010, 47, 71-76.	1.2	147
52	Prediction of diabetic retinopathy: role of oxidative stress and relevance of apoptotic biomarkers. <i>EPMA Journal</i> , 2010, 1, 56-72.	3.3	44
53	Advanced oxidation protein products decrease expression of nephrin and podocin in podocytes via ROS-dependent activation of p38 MAPK. <i>Science China Life Sciences</i> , 2010, 53, 68-77.	2.3	13
54	Protein and lipid oxidative damage in streptozotocin-induced diabetic rats submitted to forced swimming test: the insulin and clonazepam effect. <i>Metabolic Brain Disease</i> , 2010, 25, 297-304.	1.4	40
55	Advanced oxidation protein products inhibit differentiation and activate inflammation in 3T3-L1 preadipocytes. <i>Journal of Cellular Physiology</i> , 2010, 225, 42-51.	2.0	11

#	ARTICLE	IF	CITATIONS
56	A potential protective effect of Î±-tocopherol on vascular complication in spinal cord reperfusion injury in rats. <i>Journal of Biomedical Science</i> , 2010, 17, 55.	2.6	17
57	The role of oxidative stress in small ruminants' health and production. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 348-363.	0.3	136
58	The effect of hot-tub therapy on serum Hsp70 level and its benefit on diabetic rats: A preliminary report. <i>International Journal of Hyperthermia</i> , 2010, 26, 577-585.	1.1	33
59	Cell signaling and receptors in toxicity of advanced glycation end products (AGEs): Î±-dicarbonyls, radicals, oxidative stress and antioxidants. <i>Journal of Receptor and Signal Transduction Research</i> , 2011, 31, 332-339.	1.3	25
60	Advanced oxidation protein products (AOPP): novel uremic toxins, or components of the non-enzymatic antioxidant system of the plasma proteome?. <i>Free Radical Research</i> , 2011, 45, 1115-1123.	1.5	63
61	Biomarkers of oxidative stress in ruminant medicine. <i>Immunopharmacology and Immunotoxicology</i> , 2011, 33, 233-240.	1.1	226
62	The Evaluation of the Oxidative Stress Parameters in Patients with Primary Angle-Closure Glaucoma. <i>PLoS ONE</i> , 2011, 6, e27218.	1.1	55
63	Influence of Dietary Advanced Glycation End Products on Wound Healing in Nondiabetic Mice. <i>Journal of Food Science</i> , 2011, 76, T5-10.	1.5	16
64	Detection of advanced oxidation protein products in patients with chronic kidney disease by a novel monoclonal antibody. <i>Free Radical Research</i> , 2011, 45, 662-671.	1.5	32
65	Heart in Diabetes: Not Only a Macrovascular Disease. <i>Diabetes Care</i> , 2011, 34, S138-S144.	4.3	51
66	Effect of blood sample type on the measurement of advanced oxidation protein products as a biomarker of inflammation and oxidative stress in hemodialysis patients. <i>Biomarkers</i> , 2011, 16, 129-135.	0.9	11
67	Effects of N ¹ -methylnicotinamide on oxidative and glycooxidative stress markers in rats with streptozotocin-induced diabetes mellitus. <i>Redox Report</i> , 2012, 17, 1-7.	1.4	11
68	The receptor of advanced glycation end products plays a central role in advanced oxidation protein products-induced podocyte apoptosis. <i>Kidney International</i> , 2012, 82, 759-770.	2.6	104
69	Circulating TGF-Î² ₁ , Glycation, and Oxidation in Children with Diabetes Mellitus Type 1. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-7.	3.8	18
70	Oxidative/Nitrosative Stress and Protein Damages in Aqueous Humor of Hyperglycemic Rabbits: Effects of Two Oral Antidiabetics, Pioglitazone and Repaglinide. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-6.	3.8	14
71	Fructose-1,6-Bisphosphate and N-Acetylcysteine Attenuate the Formation of Advanced Oxidation Protein Products, a New Class of Inflammatory Mediators, In Vitro. <i>Inflammation</i> , 2012, 35, 1786-1792.	1.7	14
72	Poly(amido)amine dendrimers generation 4.0 (PAMAM G4) reduce blood hyperglycaemia and restore impaired blood-brain barrier permeability in streptozotocin diabetes in rats. <i>International Journal of Pharmaceutics</i> , 2012, 436, 508-518.	2.6	35
73	Role of Advanced Glycation Endproducts and Potential Therapeutic Interventions in Dialysis Patients. <i>Seminars in Dialysis</i> , 2012, 25, 529-538.	0.7	23

#	ARTICLE	IF	CITATIONS
74	InÂvitro upregulation of erythrocytes glucose uptake by Rhaphnus sativa extract in diabetic patients. <i>Biochimie</i> , 2012, 94, 1206-1212.	1.3	2
75	Investigation of the mechanism(s) involved in decreasing increased fibrinogen activity in hyperglycemic conditions using L-lysine supplementation. <i>Thrombosis Research</i> , 2012, 130, e13-e19.	0.8	17
76	Diabetic nephropathy and associated risk factors for renal deterioration. <i>International Journal of Diabetes in Developing Countries</i> , 2012, 32, 52-59.	0.3	6
77	Advanced glycation end products enhance reactive oxygen and nitrogen species generation in neutrophils in vitro. <i>Molecular and Cellular Biochemistry</i> , 2012, 361, 289-296.	1.4	68
78	Adverse cardiac responses to alpha-lipoic acid in a rat-diabetic model: possible mechanisms?. <i>Journal of Physiology and Biochemistry</i> , 2013, 69, 761-778.	1.3	17
79	Antioxidant potential of mate tea (<i>Ilex paraguariensis</i>) in type 2 diabetic mellitus and pre-diabetic individuals. <i>Journal of Functional Foods</i> , 2013, 5, 1057-1064.	1.6	43
80	Total antioxidant status and markers of oxidative stress in subjects with normal or impaired glucose regulation (IFG, IGT) in diabetic patients. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2013, 73, 641-649.	0.6	17
81	CIKS (Act1 or TRAF3IP2) mediates high glucose-induced endothelial dysfunction. <i>Cellular Signalling</i> , 2013, 25, 359-371.	1.7	48
82	Role of Dietary Advanced Glycation End Products in Diabetes Mellitus. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2013, 18, 50-66.	1.5	14
83	Salivary markers of oxidative stress are related to age and oral health in adult non-smokers. <i>Journal of Oral Pathology and Medicine</i> , 2013, 42, 263-266.	1.4	34
84	Advanced oxidation protein products induce cardiomyocyte death via Nox2/Rac1/superoxide-dependent TRAF3IP2/JNK signaling. <i>Free Radical Biology and Medicine</i> , 2013, 60, 125-135.	1.3	50
85	Advanced Oxidation Protein Products Activate Intrarenal Renin-Angiotensin System via a CD36-Mediated, Redox-Dependent Pathway. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 19-35.	2.5	66
86	A study on serum advanced glycation end products and its association with oxidative stress and paraoxonase activity in type 2 diabetic patients with vascular complications. <i>Clinical Biochemistry</i> , 2013, 46, 109-114.	0.8	57
87	Protein oxidation in a group of subjects with metabolic syndrome. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2013, 7, 38-41.	1.8	12
88	Effects of metformin on markers of oxidative stress and antioxidant reserve in patients with newly diagnosed type 2 diabetes: A randomized clinical trial. <i>Clinical Nutrition</i> , 2013, 32, 179-185.	2.3	167
89	Association of RAGE gene polymorphism with circulating AGEs level and paraoxonase activity in relation to macro-vascular complications in Indian type 2 diabetes mellitus patients. <i>Gene</i> , 2013, 526, 325-330.	1.0	20
90	Advanced oxidative and glycoxidative protein damage markers in the elderly with type 2 diabetes. <i>Journal of Proteomics</i> , 2013, 92, 313-322.	1.2	67
91	Oxidative Stress and Apoptotic Biomarkers in Diabetic Retinopathy. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2013, , 175-209.	0.6	0

#	ARTICLE	IF	CITATIONS
92	Overlapped Metabolic and Therapeutic Links between Alzheimer and Diabetes. <i>Molecular Neurobiology</i> , 2013, 47, 399-424.	1.9	71
93	Oxidative Stress as an Underlying Contributor in the Development of Chronic Complications in Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3265-3284.	1.8	152
94	AOPPs Induce MCP-1 Expression by Increasing ROS-Mediated Activation of the NF- κ B Pathway in Rat Mesangial Cells: Inhibition by Sesquiterpene Lactones. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 1867-1877.	1.1	25
95	Markers of Oxidative Stress during Diabetes Mellitus. <i>Journal of Biomarkers</i> , 2013, 2013, 1-8.	1.0	313
96	Serum Antioxidative Enzymes Levels and Oxidative Stress Products in Age-Related Cataract Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-7.	1.9	53
97	Effect of the French Oak Wood Extract Robuvit on Markers of Oxidative Stress and Activity of Antioxidant Enzymes in Healthy Volunteers: A Pilot Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-6.	1.9	20
98	Advanced oxidation protein products induce intestine epithelial cell death through a redox-dependent, c-jun N-terminal kinase and poly (ADP-ribose) polymerase-1-mediated pathway. <i>Cell Death and Disease</i> , 2014, 5, e1006-e1006.	2.7	61
99	Diabetes and Oxidative Stress. , 2014, , 151-166.		2
100	Increased plasma advanced oxidation protein products is an early marker of endothelial dysfunction in type 2 diabetes patients without albuminuria $\xi \epsilon \mu \tau \alpha \tau \mu \text{š} \alpha \epsilon \text{Y} \epsilon \text{ç} \text{TM} 1 / 2 \alpha \epsilon \text{S} \alpha \text{CE} - \text{ä} \text{S} \text{ç} \% \text{O} \alpha \mu \text{ä} \text{ä} \text{é} \text{«} \text{æ} \text{~} \text{æ} - \text{ç} \text{TM} 1 / 2 \epsilon \text{ç} \text{TM} 1 / 2 \alpha \text{ç} \text{S} \text{,} 2 \text{ä} \text{ž}$	0.8	28
101	Antioxidant effect of carnosine treatment on renal oxidative stress in streptozotocin-induced diabetic rats. <i>Biotechnic and Histochemistry</i> , 2014, 89, 552-557.	0.7	25
102	The relationship between advanced oxidation protein products (<sc>AOPP</sc>) and biochemical and histopathological findings in patients with nonalcoholic steatohepatitis. <i>Journal of Digestive Diseases</i> , 2014, 15, 131-136.	0.7	12
103	Advanced glycation end products: role in pathology of diabetic cardiomyopathy. <i>Heart Failure Reviews</i> , 2014, 19, 49-63.	1.7	154
104	An Alternative Pathway Through the Fenton Reaction for the Formation of Advanced Oxidation Protein Products, a New Class of Inflammatory Mediators. <i>Inflammation</i> , 2014, 37, 512-521.	1.7	18
105	Pomegranate phenolics inhibit formation of advanced glycation endproducts by scavenging reactive carbonyl species. <i>Food and Function</i> , 2014, 5, 2996-3004.	2.1	92
106	Oxidative stress participates in age-related changes in rat lumbar intervertebral discs. <i>Archives of Gerontology and Geriatrics</i> , 2014, 59, 665-669.	1.4	98
107	Role of advanced glycation end product (AGE)-induced receptor (RAGE) expression in diabetic vascular complications. <i>Microvascular Research</i> , 2014, 95, 1-6.	1.1	67
108	Can metabolic impairments in experimental diabetes be cured with poly(amido)amine (PAMAM) G4 dendrimers? â€œ In the search for minimizing of the adverse effects of PAMAM administration. <i>International Journal of Pharmaceutics</i> , 2014, 464, 152-167.	2.6	21
109	l-cysteine is a potent inhibitor of protein glycation on both albumin and LDL, and prevents the diabetic complications in diabeticâ€œ atherosclerotic rat. <i>Food Research International</i> , 2014, 62, 909-916.	2.9	15

#	ARTICLE	IF	CITATIONS
110	Antioxidants and human diseases. Clinica Chimica Acta, 2014, 436, 332-347.	0.5	353
111	Maternal serum AGEs levels in pregnancies associated with neural tube defects. International Journal of Developmental Neuroscience, 2014, 33, 57-61.	0.7	7
112	Optimisation of an Advanced Oxidation Protein Products Assay: Its Application to Studies of Oxidative Stress in Diabetes Mellitus. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-10.	1.9	47
113	Protective Effects of the Mushroom <i>Lactarius deterrimus</i> Extract on Systemic Oxidative Stress and Pancreatic Islets in Streptozotocin-Induced Diabetic Rats. Journal of Diabetes Research, 2015, 2015, 1-10.	1.0	22
114	Is Vitamin D Deficiency Related to Accumulation of Advanced Glycation End Products, Markers of Inflammation, and Oxidative Stress in Diabetic Subjects?. BioMed Research International, 2015, 2015, 1-15.	0.9	16
115	Antioxidant Strategies in the Management of Diabetic Neuropathy. BioMed Research International, 2015, 2015, 1-15.	0.9	116
116	Redox Signaling in Diabetic Nephropathy: Hypertrophy versus Death Choices in Mesangial Cells and Podocytes. Mediators of Inflammation, 2015, 2015, 1-13.	1.4	44
117	Advanced Oxidation Protein Products as a Novel Marker of Oxidative Stress in Postmenopausal Osteoporosis. Medical Science Monitor, 2015, 21, 2428-2432.	0.5	61
118	Gemigliptin improves renal function and attenuates podocyte injury in mice with diabetic nephropathy. European Journal of Pharmacology, 2015, 761, 116-124.	1.7	40
120	Advanced oxidation protein products are more related to metabolic syndrome components than biomarkers of lipid peroxidation. Nutrition Research, 2015, 35, 759-765.	1.3	23
121	Advanced oxidation protein products induce apoptosis in podocytes through induction of endoplasmic reticulum stress. Journal of Physiology and Biochemistry, 2015, 71, 455-470.	1.3	34
122	Advanced oxidation protein products decrease the expression of calcium transport channels in small intestinal epithelium via the p44/42 MAPK signaling pathway. European Journal of Cell Biology, 2015, 94, 190-203.	1.6	13
123	Oxidative DNA damage is associated with inflammatory response, insulin resistance and microvascular complications in type 2 diabetes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 782, 17-22.	0.4	46
124	Oxidative Stress in Diabetic Nephropathy with Early Chronic Kidney Disease. Journal of Diabetes Research, 2016, 2016, 1-7.	1.0	171
125	Xanthine Oxidase Activity in Type 2 Diabetes Mellitus Patients with and without Diabetic Peripheral Neuropathy. Journal of Diabetes Research, 2016, 2016, 1-7.	1.0	48
126	Inhibitory Effect of Crocin(s) on Lens α -Crystallin Glycation and Aggregation, Results in the Decrease of the Risk of Diabetic Cataract. Molecules, 2016, 21, 143.	1.7	25
127	Evaluation of Matrix Metalloproteinases, Cytokines and Their Potential Role in the Development of Ovarian Cancer. PLoS ONE, 2016, 11, e0167149.	1.1	22
128	An Update on Type 2 Diabetes Mellitus as a Risk Factor for Dementia. Journal of Alzheimer's Disease, 2016, 53, 393-402.	1.2	63

#	ARTICLE	IF	CITATIONS
129	Pregestational Obesity-Induced Embryopathy. <i>Reproductive Sciences</i> , 2016, 23, 1250-1257.	1.1	2
130	Advanced oxidation protein products sensitized the transient receptor potential vanilloid 1 via NADPH oxidase 1 and 4 to cause mechanical hyperalgesia. <i>Redox Biology</i> , 2016, 10, 1-11.	3.9	38
131	Inhibitory actions of selected natural substances on formation of advanced glycation endproducts and advanced oxidation protein products. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 381.	3.7	20
132	Antioxidant and antidiabetic activities of the seed and leaf extracts of <i>Chrysophyllum albidum</i> . <i>Asian Pacific Journal of Tropical Disease</i> , 2016, 6, 642-649.	0.5	5
133	Effects of Resveratrol on Receptor for Advanced Glycation End Products (RAGE) Expression and Oxidative Stress in the Liver of Rats with Type 2 Diabetes. <i>Phytotherapy Research</i> , 2016, 30, 66-71.	2.8	59
134	The effects of selenium supplementation on biomarkers of inflammation and oxidative stress in patients with diabetic nephropathy: a randomised, double-blind, placebo-controlled trial. <i>British Journal of Nutrition</i> , 2016, 116, 1222-1228.	1.2	41
135	Glucagon-like peptide-1 protects cardiomyocytes from advanced oxidation protein product-induced apoptosis via the PI3K/Akt/Bad signaling pathway. <i>Molecular Medicine Reports</i> , 2016, 13, 1593-1601.	1.1	37
136	Highly Selective Fluorescent Turn-On Probe for Protein Thiols in Biotin Receptor-Positive Cancer Cells. <i>Analytical Chemistry</i> , 2016, 88, 3400-3405.	3.2	35
137	How do the full-generation poly(amido)amine (PAMAM) dendrimers activate blood platelets? Activation of circulating platelets and formation of α -fibrinogen aggregates in the presence of polyocations. <i>International Journal of Pharmaceutics</i> , 2016, 503, 247-261.	2.6	17
138	Metformin Alleviates Altered Erythrocyte Redox Status During Aging in Rats. <i>Rejuvenation Research</i> , 2017, 20, 15-24.	0.9	47
139	Glucagon-like peptide-1 inhibits the receptor for advanced glycation endproducts to prevent podocyte apoptosis induced by advanced oxidative protein products. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1413-1419.	1.0	15
140	Anti-glycation and anti-oxidative effects of a phenolic-enriched maple syrup extract and its protective effects on normal human colon cells. <i>Food and Function</i> , 2017, 8, 757-766.	2.1	39
141	Advanced oxidation protein products promote NADPH oxidase-dependent β -cell destruction and dysfunction through the Bcl-2/Bax apoptotic pathway. <i>Laboratory Investigation</i> , 2017, 97, 792-805.	1.7	16
142	Gamma-linolenic acid ameliorated glycation-induced memory impairment in rats. <i>Pharmaceutical Biology</i> , 2017, 55, 1817-1823.	1.3	6
143	Cysteine persulfides and polysulfides produced by exchange reactions with H ₂ S protect SH-SY5Y cells from methylglyoxal-induced toxicity through Nrf2 activation. <i>Redox Biology</i> , 2017, 12, 530-539.	3.9	44
144	<i>Centaurium erythraea</i> methanol extract protects red blood cells from oxidative damage in streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2017, 202, 172-183.	2.0	29
145	Hyperglycemia and high nitric oxide level induced oxidative stress in the brain and molecular alteration in the neurons and glial cells of laboratory mouse, <i>Mus musculus</i> . <i>Neurochemistry International</i> , 2017, 104, 64-79.	1.9	32
146	The reduced/oxidized state of plasma albumin is modulated by dietary protein intake partly via albumin synthesis rate in rats. <i>Nutrition Research</i> , 2017, 37, 46-57.	1.3	18

#	ARTICLE	IF	CITATIONS
147	Lipoprotein redox status evaluation as a marker of cardiovascular disease risk in patients with inflammatory disease. <i>Molecular Medicine Reports</i> , 2017, 15, 256-262.	1.1	38
148	Redox imbalance in a model of rat mimicking Hutchinson-Gilford progeria syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 361-367.	1.0	12
149	Adiponectin: possible link between metabolic stress and oxidative stress in the elderly. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 621-629.	1.4	32
150	Diabetics and Stroke. <i>Translational Medicine Research</i> , 2017, , 169-198.	0.0	1
151	Oxidative Modification in the Salivary Glands of High Fat-Diet Induced Insulin Resistant Rats. <i>Frontiers in Physiology</i> , 2017, 8, 20.	1.3	56
152	The Redox Balance in Erythrocytes, Plasma, and Periosteum of Patients with Titanium Fixation of the Jaw. <i>Frontiers in Physiology</i> , 2017, 8, 386.	1.3	37
153	Measurement and Clinical Significance of Biomarkers of Oxidative Stress in Humans. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-32.	1.9	510
154	Oxidative Modification of Biomolecules in the Nonstimulated and Stimulated Saliva of Patients with Morbid Obesity Treated with Bariatric Surgery. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	40
155	The Association of Serum Thrombomodulin with Endothelial Injuring Factors in Abdominal Aortic Aneurysm. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	13
156	Serum Fluorescent Advanced Glycation End (F-AGE) products in gestational diabetes patients. <i>Archives of Endocrinology and Metabolism</i> , 2017, 61, 233-237.	0.3	13
157	Antioxidant Defence, Oxidative Stress and Oxidative Damage in Saliva, Plasma and Erythrocytes of Dementia Patients. Can Salivary AGE be a Marker of Dementia?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2205.	1.8	71
158	Advanced oxidation protein products induce preosteoblast apoptosis through a nicotinamide adenine dinucleotide phosphate oxidase-dependent, mitogen-activated protein kinases-mediated intrinsic apoptosis pathway. <i>Aging Cell</i> , 2018, 17, e12764.	3.0	35
159	Pterostilbene inhibited advanced glycation end products (AGEs)-induced oxidative stress and inflammation by regulation of RAGE/MAPK/NF- κ B in RAW264.7 cells. <i>Journal of Functional Foods</i> , 2018, 40, 272-279.	1.6	39
160	Oxidative stress biomarkers in type 2 diabetes mellitus for assessment of cardiovascular disease risk. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2018, 12, 455-462.	1.8	46
161	Electrocatalytic artificial carbonylation assay for observation of human serum albumin inter-individual properties. <i>Analytical Biochemistry</i> , 2018, 550, 137-143.	1.1	8
162	Advanced oxidation protein products inhibit the autophagy of renal tubular epithelial cells. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 3908-3916.	0.8	8
163	Oxidation, glycation and glycoxidation—The vicious cycle and lung cancer. <i>Seminars in Cancer Biology</i> , 2018, 49, 29-36.	4.3	59
164	Chromium Supplementation Reduces Resting Heart Rate in Patients with Metabolic Syndrome and Impaired Glucose Tolerance. <i>Biological Trace Element Research</i> , 2018, 183, 192-199.	1.9	18

#	ARTICLE	IF	CITATIONS
165	Glycation, oxidation and glycooxidation of IgG: a biophysical, biochemical, immunological and hematological study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2637-2653.	2.0	16
166	Effect of Resveratrol, a Dietary-Derived Polyphenol, on the Oxidative Stress and Polyol Pathway in the Lens of Rats with Streptozotocin-Induced Diabetes. <i>Nutrients</i> , 2018, 10, 1423.	1.7	39
167	Redox Balance, Antioxidant Defense, and Oxidative Damage in the Hypothalamus and Cerebral Cortex of Rats with High Fat Diet-Induced Insulin Resistance. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	1.9	69
168	Eight-Week Consumption of High-Sucrose Diet Has a Pro-Oxidant Effect and Alters the Function of the Salivary Glands of Rats. <i>Nutrients</i> , 2018, 10, 1530.	1.7	42
169	Protective effect of exendin-4 treatment on erectile dysfunction induced by chronic methylglyoxal administration in rats. <i>Peptides</i> , 2018, 106, 1-8.	1.2	6
170	Effect of N-Acetylcysteine on Antioxidant Defense, Oxidative Modification, and Salivary Gland Function in a Rat Model of Insulin Resistance. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	1.9	45
171	Cardiac autonomic neuropathy: Risk factors, diagnosis and treatment. <i>World Journal of Diabetes</i> , 2018, 9, 1-24.	1.3	145
172	Exposure to Ti4Al4V Titanium Alloy Leads to Redox Abnormalities, Oxidative Stress, and Oxidative Damage in Patients Treated for Mandible Fractures. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	34
173	TRAF6 mediates high glucose-induced endothelial dysfunction. <i>Experimental Cell Research</i> , 2018, 370, 490-497.	1.2	20
174	Salivary Biomarkers of Oxidative Stress in Children with Chronic Kidney Disease. <i>Journal of Clinical Medicine</i> , 2018, 7, 209.	1.0	63
175	A review of the putative causal mechanisms associated with lower macular pigment in diabetes mellitus. <i>Nutrition Research Reviews</i> , 2019, 32, 247-264.	2.1	8
176	Effect of caffeine on biomarkers of oxidative stress in lenses of rats with streptozotocin-induced diabetes. <i>Archives of Medical Science</i> , 2019, 15, 1073-1080.	0.4	27
177	Antioxidant Defense, Redox Homeostasis, and Oxidative Damage in Children With Ataxia Telangiectasia and Nijmegen Breakage Syndrome. <i>Frontiers in Immunology</i> , 2019, 10, 2322.	2.2	21
178	Salivary Gland Function, Antioxidant Defence and Oxidative Damage in the Saliva of Patients with Breast Cancer: Does the BRCA1 Mutation Disturb the Salivary Redox Profile?. <i>Cancers</i> , 2019, 11, 1501.	1.7	34
179	Association of Higher Advanced Oxidation Protein Products (AOPPs) Levels in Patients with Diabetic and Hypertensive Nephropathy. <i>Medicina (Lithuania)</i> , 2019, 55, 675.	0.8	25
180	Antioxidant Barrier, Redox Status, and Oxidative Damage to Biomolecules in Patients with Colorectal Cancer. Can Malondialdehyde and Catalase Be Markers of Colorectal Cancer Advancement?. <i>Biomolecules</i> , 2019, 9, 637.	1.8	77
181	Banana peels extract (<i>Musa Paradisiaca</i> Var Kepok) Decreased MDA in New Zealand White Rabbit With DM Hyperlipidemia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 292, 012008.	0.2	0
182	Agmatine prevents oxidative-nitrative stress in blood leukocytes under streptozotocin-induced diabetes mellitus. <i>Open Life Sciences</i> , 2019, 14, 299-310.	0.6	10

#	ARTICLE	IF	CITATIONS
183	A More Oxidized Plasma Albumin Redox State and Lower Plasma HDL Particle Number Reflect Low-Protein Diet Ingestion in Adult Rats. <i>Journal of Nutrition</i> , 2019, 150, 256-266.	1.3	10
184	Oxidative stress biomarkers in the serum and plasma of patients with non-alcoholic fatty liver disease (NAFLD). Can plasma AGE be a marker of NAFLD? <i>Oxidative stress biomarkers in NAFLD patients. Free Radical Research</i> , 2019, 53, 841-850.	1.5	73
185	Selected elements of extracellular matrix of the skin in diabetes and insulin resistance. <i>Advances in Medical Sciences</i> , 2019, 64, 365-369.	0.9	0
186	Salivary Redox Biomarkers in Different Stages of Dementia Severity. <i>Journal of Clinical Medicine</i> , 2019, 8, 840.	1.0	57
187	Inflammatory, oxidative stress and anti-oxidative markers in patients with endometrial carcinoma and diabetes. <i>Cytokine</i> , 2019, 120, 186-190.	1.4	42
188	Oxidative Stress and Non-Alcoholic Fatty Liver Disease: Effects of Omega-3 Fatty Acid Supplementation. <i>Nutrients</i> , 2019, 11, 872.	1.7	159
189	Multimodal Optical Diagnostics of Glycated Biological Tissues. <i>Biochemistry (Moscow)</i> , 2019, 84, 124-143.	0.7	16
190	Redox homeostasis in a rodent model of circadian disruption: Effect of melatonin supplementation. <i>General and Comparative Endocrinology</i> , 2019, 280, 97-103.	0.8	15
191	Antioxidant Defense, Oxidative Modification, and Salivary Gland Function in an Early Phase of Cerulein Pancreatitis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	26
192	3-O- β -D-glucopyranosyl-4,6-O-benzylidene- α -D-glucopyranose, from Bark of <i>Eysenhardtia polystachya</i> Prevents Diabetic Nephropathy via Inhibiting Protein Glycation in STZ-Nicotinamide Induced Diabetic Mice. <i>Molecules</i> , 2019, 24, 1214.	1.7	14
193	AChE mRNA expression as a possible novel biomarker for the diagnosis of coronary artery disease and Alzheimer's disease, and its association with oxidative stress. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 352-359.	1.0	18
194	Effects of Orally Consumed <i>Rosa damascena</i> Mill. Hydrosol on Hematology, Clinical Chemistry, Lens Enzymatic Activity, and Lens Pathology in Streptozotocin-Induced Diabetic Rats. <i>Molecules</i> , 2019, 24, 4069.	1.7	9
195	Salivary Antioxidant Barrier, Redox Status, and Oxidative Damage to Proteins and Lipids in Healthy Children, Adults, and the Elderly. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	1.9	72
196	High-Fat Diet Affects Ceramide Content, Disturbs Mitochondrial Redox Balance, and Induces Apoptosis in the Submandibular Glands of Mice. <i>Biomolecules</i> , 2019, 9, 877.	1.8	37
197	Implications of advanced oxidation protein products (AOPPs), advanced glycation end products (AGEs) and other biomarkers in the development of cardiovascular diseases. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 334-339.	1.8	19
198	Glycolytic Inhibitor 2-Deoxy-D-Glucose at Chronic Low Dose Mimics Calorie Restriction in Rats Through Mitohormetic Induction of Reactive Oxygen Species. <i>Rejuvenation Research</i> , 2019, 22, 377-384.	0.9	19
199	A study on correlation between oxidative stress parameters and inflammatory markers in type 2 diabetic patients with kidney dysfunction in north Indian population. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4892-4902.	1.2	11
200	Behaviour of carbonyl groups in several clinical conditions: Analysis of our survey. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 74, 299-313.	0.9	6

#	ARTICLE	IF	CITATIONS
201	Hesperidin attenuates altered redox homeostasis in an experimental hyperlipidaemic model of rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 571-582.	0.9	25
202	Advanced glycation end-products and advanced oxidation protein products levels are correlates of duration of type 2 diabetes. <i>Life Sciences</i> , 2020, 260, 118422.	2.0	19
203	The relationship between advanced glycation end products and gestational diabetes: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2020, 15, e0240382.	1.1	14
204	3-Bromopyruvate elevates ROS and induces hormesis to exert a caloric restriction mimetic effect in young and old rats. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-8.	1.0	7
205	Synergistic Effects of Regular Walking and Alkaline Electrolyzed Water on Decreasing Inflammation and Oxidative Stress, and Increasing Quality of Life in Individuals with Type 2 Diabetes: A Community Based Randomized Controlled Trial. <i>Antioxidants</i> , 2020, 9, 946.	2.2	15
206	Naringin ameliorates type 2 diabetes mellitus-induced steatohepatitis by inhibiting RAGE/NF- κ B mediated mitochondrial apoptosis. <i>Life Sciences</i> , 2020, 257, 118118.	2.0	62
207	Time restricted feeding provides a viable alternative to alternate day fasting when evaluated in terms of redox homeostasis in rats. <i>Archives of Gerontology and Geriatrics</i> , 2020, 91, 104188.	1.4	10
208	SEN3 regulates high glucose-induced endothelial dysfunction via ROS dependent signaling. <i>Diabetes and Vascular Disease Research</i> , 2020, 17, 147916412097089.	0.9	6
209	Comprehensive Evaluation of the Oral Health Status, Salivary Gland Function, and Oxidative Stress in the Saliva of Patients with Subacute Phase of Stroke: A Case-Control Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2252.	1.0	26
210	Enhanced Salivary and General Oxidative Stress in Hashimoto's Thyroiditis Women in Euthyrosis. <i>Journal of Clinical Medicine</i> , 2020, 9, 2102.	1.0	19
211	Age-dependent altered redox homeostasis in the chronodisrupted rat model and moderation by melatonin administration. <i>Chronobiology International</i> , 2020, 37, 1517-1527.	0.9	10
212	Local and Systemic Oxidative Stress in Balkan Endemic Nephropathy Is Not Associated with Xanthine Oxidase Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-8.	1.9	3
213	Loganic Acid, an Iridoid Glycoside Extracted from <i>Cornus mas</i> L. Fruits, Reduces of Carbonyl/Oxidative Stress Biomarkers in Plasma and Restores Antioxidant Balance in Leukocytes of Rats with Streptozotocin-Induced Diabetes Mellitus. <i>Life</i> , 2020, 10, 349.	1.1	21
214	NAC Supplementation of Hyperglycemic Rats Prevents the Development of Insulin Resistance and Improves Antioxidant Status but Only Alleviates General and Salivary Gland Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	7
215	Blood Profile of Cytokines, Chemokines, Growth Factors, and Redox Biomarkers in Response to Different Protocols of Treadmill Running in Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8071.	1.8	11
216	The Relationship between Suicide and Oxidative Stress in a Group of Psychiatric Inpatients. <i>Journal of Clinical Medicine</i> , 2020, 9, 3462.	1.0	15
217	Effect of Photomodulation Therapy on Development of Oxidative Stress in Blood Leukocytes of Rats with Streptozotocin-Induced Diabetes Mellitus. <i>Cytology and Genetics</i> , 2020, 54, 456-464.	0.2	2
218	High-Sugar Diet Disrupts Hypothalamic but Not Cerebral Cortex Redox Homeostasis. <i>Nutrients</i> , 2020, 12, 3181.	1.7	21

#	ARTICLE	IF	CITATIONS
219	Baicalein maintains redox balance in experimental hyperlipidemic rats. Archives of Physiology and Biochemistry, 2020, , 1-9.	1.0	4
220	Systemic Redox Imbalance in Patients with Chronic Granulomatous Disease. Journal of Clinical Medicine, 2020, 9, 1397.	1.0	7
221	A water-soluble and incubate-free fluorescent environment-sensitive probe for ultrafast visualization of protein thiols within living cells. Analytica Chimica Acta, 2020, 1126, 72-81.	2.6	14
222	Salivary Oxidative Stress Increases with the Progression of Chronic Heart Failure. Journal of Clinical Medicine, 2020, 9, 769.	1.0	40
223	A Case-Control Study of Salivary Redox Homeostasis in Hypertensive Children. Can Salivary Uric Acid be a Marker of Hypertension?. Journal of Clinical Medicine, 2020, 9, 837.	1.0	40
224	Pro-Oxidant Enzymes, Redox Balance and Oxidative Damage to Proteins, Lipids and DNA in Colorectal Cancer Tissue. Is Oxidative Stress Dependent on Tumour Budding and Inflammatory Infiltration?. Cancers, 2020, 12, 1636.	1.7	51
225	Dysfunction of Salivary Glands, Disturbances in Salivary Antioxidants and Increased Oxidative Damage in Saliva of Overweight and Obese Adolescents. Journal of Clinical Medicine, 2020, 9, 548.	1.0	34
226	Endothelial Dysfunction and Advanced Glycation End Products in Patients with Newly Diagnosed Versus Established Diabetes: From the CORDIOPREV Study. Nutrients, 2020, 12, 238.	1.7	29
227	MnSOD Val16Ala gene polymorphism is associated with REDOX biomarkers in the elderly of primary health care in the city of Porto Alegre. Free Radical Research, 2020, 54, 293-300.	1.5	1
228	A Longitudinal Study of the Antioxidant Barrier and Oxidative Stress in Morbidly Obese Patients after Bariatric Surgery. Does the Metabolic Syndrome Affect the Redox Homeostasis of Obese People?. Journal of Clinical Medicine, 2020, 9, 976.	1.0	27
229	Zinc Supplementation Restores Altered Biochemical Parameters in Stomach Tissue of STZ Diabetic Rats. Biological Trace Element Research, 2021, 199, 2259-2265.	1.9	6
230	Is protein carbonylation a biomarker of seed priming and ageing?. Functional Plant Biology, 2021, 48, 611.	1.1	10
231	Inhibition of NOX4 by Cissus quadrangularis extract protects from Type 2 diabetes induced-steatohepatitis. Phytomedicine Plus, 2021, 1, 100021.	0.9	12
232	L-lysine supplementation improved glycemic control, decreased protein glycation, and insulin resistance in type 2 diabetic patients. International Journal of Diabetes in Developing Countries, 2021, 41, 634-643.	0.3	7
233	Advanced oxidation protein products induce inflammatory responses and invasive behaviour in fibroblast-like synoviocytes via the RAGE-NF- κ B pathway. Bone and Joint Research, 2021, 10, 259-268.	1.3	14
234	Role of Oxidative Stress and the Identification of Biomarkers Associated With Thyroid Dysfunction in Schizophrenics. Frontiers in Pharmacology, 2021, 12, 646287.	1.6	9
235	Advanced glycation end products, advanced oxidation protein products, and ferric reducing ability of plasma in patients with rheumatoid arthritis: a focus on activity scores. Clinical Rheumatology, 2021, 40, 4019-4026.	1.0	2
236	Antioxidant Barrier and Oxidative Damage to Proteins, Lipids, and DNA/RNA in Adrenal Tumor Patients. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-19.	1.9	14

#	ARTICLE	IF	CITATIONS
237	Bioflavonoid (Hesperidin) Restrains Protein Oxidation and Advanced Glycation End Product Formation by Targeting AGEs and Glycolytic Enzymes. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 833-844.	0.9	12
238	Improvement in Redox Homeostasis after Cytoreductive Surgery in Colorectal Adenocarcinoma. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	7
239	Advanced glycation end product: A potential biomarker for risk stratification of non-alcoholic fatty liver disease in ELSA-Brasil study. <i>World Journal of Gastroenterology</i> , 2021, 27, 4913-4928.	1.4	16
240	Glucose- and Fructose-Induced Toxicity in the Liver and Brain. , 2013, , 35-66.		1
241	Oxidative Stress in Ruminants. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2011, , 191-231.	0.4	42
242	The antioxidant potential of <i>Lactarius deterrimus</i> in diabetes. , 2020, , 265-273.		4
243	Salivary Antioxidants and Oxidative Stress in Psoriatic Patients: Can Salivary Total Oxidant Status and Oxidative Status Index Be a Plaque Psoriasis Biomarker?. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	49
244	Effect of Low-Level Laser Irradiation on the Function of Glycated Catalase. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 212-218.	0.4	8
245	Protective effects of curcumin on diabetic nephropathy via attenuation of kidney injury molecule 1 (KIM-1) and neutrophil gelatinase-associated lipocalin (NGAL) expression and alleviation of oxidative stress in rats with type 1 diabetes. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 376-383.	1.0	16
246	Advanced glycation end products induce neural tube defects through elevating oxidative stress in mice. <i>Neural Regeneration Research</i> , 2018, 13, 1368.	1.6	11
247	Microvascular and macrovascular complications in diabetes mellitus: Distinct or continuum?. <i>Indian Journal of Endocrinology and Metabolism</i> , 2016, 20, 546.	0.2	698
248	INCREASED LEVEL OF ADVANCED OXIDATION PRODUCTS (AOPP) AS A MARKER OF OXIDATIVE STRESS IN PATIENTS WITH ACUTE CORONARY SYNDROME. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 83-87.	0.2	61
249	Serum carboxymethyl-lysine, a dominant advanced glycation end product, is increased in women with gestational diabetes mellitus. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016, 160, 70-75.	0.2	22
250	Resveratrol-Dependent Down-Regulation of Receptor for Advanced Glycation End Products and Oxidative Stress in Kidney of Rats With Diabetes. <i>International Journal of Endocrinology and Metabolism</i> , 2015, 13, e23542.	0.3	56
252	Impact of Vitamin D Supplementation on Inflammatory Markersâ€™ Levels in Obese Patients. <i>Current Issues in Molecular Biology</i> , 2021, 43, 1606-1622.	1.0	2
253	Carbohydrate. , 2006, , 81-94.		0
254	Novel Mechanism for Advanced Glycation End Product (AGE) Toxicity: Î±-Dicarbonyls, Electron Transfer, Radicals, Oxidative Stress, and Antioxidants. , 2014, , 3405-3418.		0
255	EFFECTS OF METFORMIN ON PARAMETERS OF OXIDATIVE DAMAGE IN THE RETINA OF RATS WITH IMPAIRED GLUCOSE TOLERANCE. <i>Acta Medica Medianae</i> , 2017, 56, 75-82.	0.0	0

#	ARTICLE	IF	CITATIONS
256	Sensitivity and specificity of ischaemia modified albumin in detecting diabetic nephropathy in T2DM. <i>The Egyptian Journal of Internal Medicine</i> , 2018, 30, 204-211.	0.3	0
257	Factors associated with oxidative stress status in pediatric patients with type 1 diabetes mellitus. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020, 33, 591-598.	0.4	4
258	Effects of insulin-loaded chitosan-alginate nanoparticles on RAGE expression and oxidative stress status in the kidney tissue of rats with type 1 diabetes. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 1035-1042.	1.0	11
259	Glycine therapy inhibits the progression of cataract in streptozotocin-induced diabetic rats. <i>Molecular Vision</i> , 2012, 18, 439-48.	1.1	47
260	Prevention of non-enzymatic glycosylation (glycation): Implication in the treatment of diabetic complication. <i>International Journal of Health Sciences</i> , 2016, 10, 261-77.	0.4	22
261	Thiamine reduced metabolic syndrome symptoms in rats via down-regulation of hepatic nuclear factor- κ 2 and induction activity of glyoxalase-I. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 293-299.	1.0	0
262	Protective effects of quercetin against hyperglycemia-induced oxidative stress in hepatic HepG2 cell line. <i>Avicenna Journal of Phytomedicine</i> , 2021, 11, 269-280.	0.1	1
263	Oxidative Stress Biomarkers as a Predictor of Stage Illness and Clinical Course of Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 728986.	1.3	8
264	Ni ^{II} molecular complex with a tetradentate aminoguanidine-derived Schiff base ligand: structural, spectroscopic and electrochemical studies and photoelectric response. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 173-178.	0.2	3
265	Level of advanced oxidation protein products is associated with subclinical atherosclerosis. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 5.	0.7	8
266	Fructose and methylglyoxal-induced glycation alters structural and functional properties of salivary proteins, albumin and lysozyme. <i>PLoS ONE</i> , 2022, 17, e0262369.	1.1	8
267	Salivary gland dysfunction and salivary redox imbalance in patients with Alzheimer's disease. <i>Scientific Reports</i> , 2021, 11, 23904.	1.6	23
268	1,8 cineole protects type 2 diabetic rats against diabetic nephropathy via inducing the activity of glyoxalase-I and lowering the level of transforming growth factor- β 2. <i>Journal of Diabetes and Metabolic Disorders</i> , 2022, 21, 567-572.	0.8	4
269	Allantoin, dipotassium glycyrrhizinate, and azulene sulfonate sodium hydrate inhibit gingival inflammation induced by advanced glycation end products via antiglycation effects & in vitro & in vivo. <i>Journal of Japanese Society of Periodontology</i> , 2022, 64, 25-35.	0.1	0
270	α -Lipoic Acid Strengthens the Antioxidant Barrier and Reduces Oxidative, Nitrosative, and Glycative Damage, as well as Inhibits Inflammation and Apoptosis in the Hypothalamus but Not in the Cerebral Cortex of Insulin-Resistant Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-21.	1.9	9
271	Crosstalk Between Senescent Bone Cells and the Bone Tissue Microenvironment Influences Bone Fragility During Chronological Age and in Diabetes. <i>Frontiers in Physiology</i> , 2022, 13, 812157.	1.3	8
272	deterioro cognitivo como una complicaci3n de la Diabetes Mellitus Tipo 2. <i>Nova</i> , 2021, 19, 25-41.	0.2	1
273	Preliminary Findings on the Effect of Ultrasmall Superparamagnetic Iron Oxide Nanoparticles and Acute Stress on Selected Markers of Oxidative Stress in Normotensive and Hypertensive Rats. <i>Antioxidants</i> , 2022, 11, 751.	2.2	2

#	ARTICLE	IF	CITATIONS
275	Myeloperoxidase and Advanced Oxidation Protein Products in the Cerebrospinal Fluid in Women and Men with Parkinson's Disease. <i>Antioxidants</i> , 2022, 11, 1088.	2.2	6
276	A study of the oxidative processes in human plasma by time-resolved fluorescence spectroscopy. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
277	Effect of Diabetes on Tendon Structure and Function: Not Limited to Collagen Crosslinking. <i>Journal of Diabetes Science and Technology</i> , 2023, 17, 89-98.	1.3	3
278	Binding Studies of Caffeic and p-Coumaric Acid with α -Amylase: Multispectroscopic and Computational Approaches Deciphering the Effect on Advanced Glycation End Products (AGEs). <i>Molecules</i> , 2022, 27, 3992.	1.7	9
279	Protective effect of acetylcysteine, histidine, and their combination against diabetes vascular complications in type-2 diabetic rats via reducing NF- κ B pathway signaling. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , .	0.8	0
280	The association between advanced glycation end products (AGEs) and ABC (hemoglobin A1C, blood) Tj ETQq1 1 0.784314 rgBT /Over diabetes mellitus. <i>Diabetology and Metabolic Syndrome</i> , 2022, 14, .	1.2	7
281	Vitamin C Improves Inflammatory-related Redox Status in Hyperlipidemic Rats. <i>Indian Journal of Clinical Biochemistry</i> , 2023, 38, 512-518.	0.9	4
282	High chitotriosidase and AGE levels in acromegaly: a case-control study. <i>Hormones</i> , 0, , .	0.9	5
283	Melatonin improves liver and pancreatic tissue injuries in diabetic rats: role on antioxidant enzymes. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , .	0.8	2
284	Circulating Advanced Oxidation Protein Products (AOPPs) increases the risk of metabolic syndrome among adults: A systematic review and meta-analysis. <i>International Journal of Diabetes in Developing Countries</i> , 0, , .	0.3	0