

CITATION REPORT

List of articles citing

Diabetes, oxidative stress, molecular mechanism, and cardiovascular disease--an overview

DOI: 10.3109/15376516.2012.666648

Toxicology Mechanisms and Methods, 2012, 22, 330-5.

Source: <https://exaly.com/paper-pdf/53763994/citation-report.pdf>

Version: 2024-04-26

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
74	Green Tea Attenuates Oxidative Stress and Downregulates the Expression of Angiotensin II AT(1) Receptor in Renal and Hepatic Tissues of Streptozotocin-Induced Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 409047	2.3	10
73	Emerging tools for erectile dysfunction: a role for regenerative medicine. <i>Nature Reviews Urology</i> , 2012 , 9, 520-36	5.5	27
72	Can carotenoids attenuate vascular aging?. <i>Vascular Pharmacology</i> , 2013 , 59, 63-6	5.9	28
71	Histidine supplementation improves insulin resistance through suppressed inflammation in obese women with the metabolic syndrome: a randomised controlled trial. <i>Diabetologia</i> , 2013 , 56, 985-94	10.3	98
70	Activation of retinoid receptor-mediated signaling ameliorates diabetes-induced cardiac dysfunction in Zucker diabetic rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 57, 106-18	5.8	31
69	Stressed out mitochondria: the role of mitochondria in ageing and cancer focussing on strategies and opportunities in human skin. <i>Mitochondrion</i> , 2013 , 13, 444-53	4.9	48
68	Transplanted induced pluripotent stem cells mitigate oxidative stress and improve cardiac function through the Akt cell survival pathway in diabetic cardiomyopathy. <i>Molecular Pharmaceutics</i> , 2013 , 10, 3425-32	5.6	25
67	Molecular and metabolic mechanisms of cardiac dysfunction in diabetes. <i>Life Sciences</i> , 2013 , 92, 601-8	6.8	128
66	Palmitate induces H9c2 cell apoptosis by increasing reactive oxygen species generation and activation of the ERK1/2 signaling pathway. <i>Molecular Medicine Reports</i> , 2013 , 7, 855-61	2.9	21
65	Oxidative stress in diabetes: implications for vascular and other complications. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 21525-50	6.3	213
64	Analysis of disease-associated objects at the Rat Genome Database. <i>Database: the Journal of Biological Databases and Curation</i> , 2013 , 2013, bat046	5	8
63	Antioxidant N-acetylcysteine attenuates the reduction of Brg1 protein expression in the myocardium of type 1 diabetic rats. <i>Journal of Diabetes Research</i> , 2013 , 2013, 716219	3.9	20
62	Protective effects of andrographolide analogue AL-1 on ROS-induced RIN-m β cell death by inducing ROS generation. <i>PLoS ONE</i> , 2013 , 8, e63656	3.7	14
61	Increased methylglyoxal formation with upregulation of renin angiotensin system in fructose fed Sprague Dawley rats. <i>PLoS ONE</i> , 2013 , 8, e74212	3.7	32
60	Polyphenols: benefits to the cardiovascular system in health and in aging. <i>Nutrients</i> , 2013 , 5, 3779-827	6.7	292
59	Grouping of Experimental Conditions as an Approach to Evaluate Effects of Extremely Low-Frequency Magnetic Fields on Oxidative Response in in vitro Studies. <i>Frontiers in Public Health</i> , 2014 , 2, 132	6	41
58	Low molecular weight fucoidan alleviates cardiac dysfunction in diabetic Goto-Kakizaki rats by reducing oxidative stress and cardiomyocyte apoptosis. <i>Journal of Diabetes Research</i> , 2014 , 2014, 420929	3.9	28

57	Protein engineering to develop a redox insensitive endothelial nitric oxide synthase. <i>Redox Biology</i> , 2014 , 2, 156-64	11.3	4
56	Maslinic acid protects vascular smooth muscle cells from oxidative stress through Akt/Nrf2/HO-1 pathway. <i>Molecular and Cellular Biochemistry</i> , 2014 , 390, 61-7	4.2	21
55	Conundrum of pathogenesis of diabetic cardiomyopathy: role of vascular endothelial dysfunction, reactive oxygen species, and mitochondria. <i>Molecular and Cellular Biochemistry</i> , 2014 , 386, 233-49	4.2	54
54	Accelerated clinical course of prion disease in mice compromised in repair of oxidative DNA damage. <i>Free Radical Biology and Medicine</i> , 2014 , 68, 1-7	7.8	10
53	New covalent modifications of phosphatidylethanolamine by alkanals: mass spectrometry based structural characterization and biological effects. <i>Journal of Mass Spectrometry</i> , 2014 , 49, 557-69	2.2	15
52	DNA-binding studies of AV-153, an antimutagenic and DNA repair-stimulating derivative of 1,4-dihydropyridine. <i>Chemico-Biological Interactions</i> , 2014 , 220, 200-7	5	25
51	Diabetic Cardiomyopathy and Oxidative Stress. 2014 , 25-32		1
50	Analysis of oxidative stress in zebrafish embryos. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	43
49	Chronic NF- κ B blockade improves renal angiotensin II type 1 receptor functions and reduces blood pressure in Zucker diabetic rats. <i>Cardiovascular Diabetology</i> , 2015 , 14, 76	8.7	14
48	Tyrosol prevents ischemia/reperfusion-induced cardiac injury in H9c2 cells: involvement of ROS, Hsp70, JNK and ERK, and apoptosis. <i>Molecules</i> , 2015 , 20, 3758-75	4.8	43
47	The molecular mechanisms of liver and islets of Langerhans toxicity by benzene and its metabolite hydroquinone in vivo and in vitro. <i>Toxicology Mechanisms and Methods</i> , 2015 , 25, 628-36	3.6	19
46	Mineralocorticoid receptor blockade prevents Western diet-induced diastolic dysfunction in female mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H1126-35	5.2	52
45	Thioredoxins in cardiovascular disease. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015 , 93, 903-114		27
44	Glutaredoxin mediated redox effects of coenzyme Q10 treatment in type 1 and type 2 diabetes patients. <i>BBA Clinical</i> , 2015 , 4, 14-20		16
43	Effect of bisphenol A on blood glucose, lipid profile and oxidative stress indices in adult male mice. <i>Toxicology Mechanisms and Methods</i> , 2015 , 25, 507-13	3.6	67
42	Insight into the molecular mechanism of heme oxygenase-1 induction by docosahexaenoic acid in U937 cells. <i>Chemico-Biological Interactions</i> , 2015 , 238, 180-8	5	3
41	Hyperglycemia / hypoglycemia-induced mitochondrial dysfunction and cerebral ischemic damage in diabetics. <i>Metabolic Brain Disease</i> , 2015 , 30, 437-47	3.9	22
40	Chloroquine improves left ventricle diastolic function in streptozotocin-induced diabetic mice. <i>Drug Design, Development and Therapy</i> , 2016 , 10, 2729-37	4.4	21

39	Carotenoid Supplements and Consumption. 2016 , 473-489		3
38	Effects of an Antimutagenic 1,4-Dihydropyridine AV-153 on Expression of Nitric Oxide Synthases and DNA Repair-related Enzymes and Genes in Kidneys of Rats with a Streptozotocin Model of Diabetes Mellitus. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 119, 458-463	3.1	7
37	Effects of methyl mercury on the activity and gene expression of mouse Langerhans islets and glucose metabolism. <i>Food and Chemical Toxicology</i> , 2016 , 93, 119-28	4.7	26
36	Arterial stiffness in hypertensive and type 2 diabetes patients in Ghana: comparison of the cardio-ankle vascular index and central aortic techniques. <i>BMC Endocrine Disorders</i> , 2016 , 16, 53	3.3	9
35	PI3K/Akt/FoxO3a signaling mediates cardioprotection of FGF-2 against hydrogen peroxide-induced apoptosis in H9c2 cells. <i>Molecular and Cellular Biochemistry</i> , 2016 , 414, 57-66	4.2	25
34	Cardiomyocyte VEGF Regulates Endothelial Cell GPIHBP1 to Relocate Lipoprotein Lipase to the Coronary Lumen During Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 145-55	9.4	26
33	RIFS: a randomly restarted incremental feature selection algorithm. <i>Scientific Reports</i> , 2017 , 7, 13013	4.9	23
32	An anti-inflammatory effect of red microalga polysaccharides in coronary artery endothelial cells. <i>Atherosclerosis</i> , 2017 , 264, 11-18	3.1	28
31	Chemical composition, antioxidant potential, macromolecule damage and neuroprotective activity of. <i>Journal of Traditional and Complementary Medicine</i> , 2018 , 8, 483-496	4.6	22
30	Regulation of aging and oxidative stress pathways in aged pancreatic islets using alpha-lipoic acid. <i>Molecular and Cellular Biochemistry</i> , 2018 , 449, 267-276	4.2	22
29	Combined treatment with interleukin-1 and tumor necrosis factor-alpha antagonists improve type 2 diabetes in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018 , 96, 751-756	2.4	5
28	Mechanism of TangGanJian on nonalcoholic fatty liver disease with type 2 diabetes mellitus. <i>Pharmaceutical Biology</i> , 2018 , 56, 567-572	3.8	5
27	Fmr1 protects cardiomyocytes against lipopolysaccharide-induced myocardial injury. <i>Experimental and Therapeutic Medicine</i> , 2018 , 16, 1825-1833	2.1	6
26	Nutrients and Oxidative Stress: Friend or Foe?. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 9719584	6.7	115
25	The target cells of anthocyanins in metabolic syndrome. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 921-946	11.5	32
24	ROS- and HIF1 α -dependent IGFBP3 upregulation blocks IGF1 survival signaling and thereby mediates high-glucose-induced cardiomyocyte apoptosis. <i>Journal of Cellular Physiology</i> , 2019 , 234, 13557-13570 ¹⁶	7	16
23	NADPH Oxidase Hyperactivity Contributes to Cardiac Dysfunction and Apoptosis in Rats with Severe Experimental Pancreatitis through ROS-Mediated MAPK Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 4578175	6.7	24
22	Advanced Evolution of Pathogenesis Concepts in Cardiomyopathies. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	11

21	Apurinic/aprimidinic endonuclease/redox factor 1 (APE1) alleviates myocardial hypoxia-reoxygenation injury by inhibiting oxidative stress and ameliorating mitochondrial dysfunction. <i>Experimental and Therapeutic Medicine</i> , 2019 , 17, 2143-2151	2.1	3
20	Salvianolic acid inhibits the effects of high glucose on vascular endothelial dysfunction by modulating the Sirt1-eNOS pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019 , 33, e22245	3.4	4
19	Exercise-Induced Regulation of Redox Status in Cardiovascular Diseases: The Role of Exercise Training and Detraining. <i>Antioxidants</i> , 2019 , 9,	7.1	15
18	Targeting NOX 4 by petunidin improves anoxia/reoxygenation-induced myocardium injury. <i>European Journal of Pharmacology</i> , 2020 , 888, 173414	5.3	9
17	Radiation alters osteoclastogenesis by regulating the cytoskeleton and lytic enzymes in RAW 264.7 cells and mouse bone marrow-derived macrophages. <i>International Journal of Radiation Biology</i> , 2020 , 96, 1296-1308	2.9	
16	Mechanism of antioxidant properties of quercetin and quercetin-DNA complex. <i>Journal of Molecular Modeling</i> , 2020 , 26, 133	2	26
15	Curcumin inhibits alloxan-induced pancreatic islet cell damage via antioxidation and antiapoptosis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020 , 34, e22499	3.4	6
14	Risk assessment of type 2 diabetes in northern China based on the logistic regression model. <i>Technology and Health Care</i> , 2021 , 29, 351-358	1.1	1
13	Six weeks of high intensity cycle training reduces HO emission and increases antioxidant protein levels in obese adults with risk factors for type 2 diabetes. <i>Free Radical Biology and Medicine</i> , 2021 , 173, 1-6	7.8	2
12	Carotenoids as Functional Bioactive Compounds. 2020 , 415-444		3
11	Heme oxygenase-1 prevents cardiac dysfunction in streptozotocin-diabetic mice by reducing inflammation, oxidative stress, apoptosis and enhancing autophagy. <i>PLoS ONE</i> , 2013 , 8, e75927	3.7	96
10	Protective effects of oleuropein against renal injury oxidative damage in alloxan-induced diabetic rats; a histological and biochemical study. <i>Journal of Nephropathology</i> , 2017 , 6, 204-209	0.6	13
9	Concept of Metabolic Surgery. 2014 , 47-66		
8	Experimental and human population studies of DNA lesions in healthy individuals. <i>Biopolymers and Cell</i> , 2017 , 33, 24-33	0.3	
7	Germacrone cooperates with dexmedetomidine to alleviate high-fat diet-induced type 2 diabetes mellitus via upregulating AMPK α expression. <i>Experimental and Therapeutic Medicine</i> , 2019 , 18, 3514-3524 ¹	2.1	3
6	Exogenous spermine ameliorates high glucose-induced cardiomyocytic apoptosis via decreasing reactive oxygen species accumulation through inhibiting p38/JNK and JAK2 pathways. <i>International Journal of Clinical and Experimental Pathology</i> , 2015 , 8, 15537-49	1.4	12
5	Molecular Functions of Ceruloplasmin in Metabolic Disease Pathology.. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2022 , 15, 695-711	3.4	1
4	Alleviation of oxidative stress in pancreatic tissue of hyperglycemic mice by <i>Lactiplantibacillus plantarum</i> SCS4. <i>Journal of Food Biochemistry</i> ,	3.3	0

- 3 3-Arylcoumarin inhibits vascular calcification by inhibiting the generation of AGEs and anti-oxidative stress. **2022**, 37, 2147-2157
- 2 Food, gut barrier dysfunction, and related diseases: A new target for future individualized disease prevention and management. **2023**, 11, 1671-1704
- 1 A Critical Review on Quercetin Bioflavonoid and its Derivatives: Scope, Synthesis, and Biological Applications with Future Prospects. **2023**, 104881