

Mohamed A Haidara

List of Publications by Year in descending order

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66
papers

1,065
citations

471061

17
h-index

454577

30
g-index

66
all docs

66
docs citations

66
times ranked

1443
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Oxidative Stress in Development of Cardiovascular Complications in Diabetes Mellitus. <i>Current Vascular Pharmacology</i> , 2006, 4, 215-227.	0.8	160
2	Homocysteine and Hyperhomocysteinaemia. <i>Current Medicinal Chemistry</i> , 2019, 26, 2948-2961.	1.2	153
3	Evaluation of the effect of oxidative stress and vitamin E supplementation on renal function in rats with streptozotocin-induced Type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2009, 23, 130-136.	1.2	87
4	Metformin inhibits mTOR-HIF1 α axis and profibrogenic and inflammatory biomarkers in thioacetamide-induced hepatic tissue alterations. <i>Journal of Cellular Physiology</i> , 2019, 234, 9328-9337.	2.0	48
5	Oxidative Stress As A Common Mediator for Apoptosis Induced-Cardiac Damage in Diabetic Rats. <i>Open Cardiovascular Medicine Journal</i> , 2008, 2, 70-78.	0.6	35
6	Involvement of ERK1/2 Kinase in Insulin-and Thrombin-Stimulated Vascular Smooth Muscle Cell Proliferation. <i>Angiology</i> , 2010, 61, 357-364.	0.8	29
7	Effect of bone marrow-derived mesenchymal stem cells on cardiovascular complications in diabetic rats. <i>Medical Science Monitor</i> , 2008, 14, BR249-55.	0.5	29
8	Effects of obesity and estradiol on Na ⁺ /K ⁺ -ATPase and their relevance to cardiovascular diseases. <i>Journal of Endocrinology</i> , 2013, 218, R13-R23.	1.2	27
9	Diabetes and Antioxidants: Myth or Reality?. <i>Current Vascular Pharmacology</i> , 2010, 8, 661-672.	0.8	22
10	Cardiac Adaptive Responses After Hypoxia in an Experimental Model. <i>Angiology</i> , 2010, 61, 145-156.	0.8	22
11	Insulin and vanadium protect against osteoarthritis development secondary to diabetes mellitus in rats. <i>Archives of Physiology and Biochemistry</i> , 2016, 122, 148-154.	1.0	20
12	Vitamin E protects against monosodium glutamate-induced acute liver injury and hepatocyte ultrastructural alterations in rats. <i>Ultrastructural Pathology</i> , 2019, 43, 199-208.	0.4	20
13	Suppression of glomerular damage and apoptosis and biomarkers of acute kidney injury induced by acetaminophen toxicity using a combination of resveratrol and quercetin. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1-7.	1.2	20
14	Heart Failure Models: Traditional and Novel Therapy. <i>Current Vascular Pharmacology</i> , 2015, 13, 658-669.	0.8	20
15	Evaluation of the Possible Contribution of Antioxidants Administration in Metabolic Syndrome. <i>Current Pharmaceutical Design</i> , 2011, 17, 3699-3712.	0.9	19
16	Concomitant Down Regulation of Glycolytic Enzymes, Upregulation of Gluconeogenic Enzymes and Potential Hepato-Nephro-Protective Effects Following the Chronic Administration of the Hypoglycemic, Insulinotropic Citrullus colocynthis Pulp Extract. <i>American Journal of Biochemistry and Biotechnology</i> , 2009, 5, 153-161.	0.1	19
17	Lipopolysaccharide induces acute lung injury and alveolar haemorrhage in association with the cytokine storm, coagulopathy and AT1R/JAK/STAT augmentation in a rat model that mimics moderate and severe Covid-19 pathology. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022, 49, 483-491.	0.9	18
18	Impact of alpha-tocopherol and vitamin C on endothelial markers in rats with streptozotocin-induced diabetes. <i>Medical Science Monitor</i> , 2004, 10, BR41-6.	0.5	18

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19	Differentiated mesenchymal stem cells ameliorate cardiovascular complications in diabetic rats. <i>Cell and Tissue Research</i> , 2015, 359, 565-575.	1.5	17
20	MSCs ameliorates DPN induced cellular pathology via $[Ca^{2+}]_i$ homeostasis and scavenging the pro-inflammatory cytokines. <i>Journal of Cellular Physiology</i> , 2018, 233, 1330-1341.	2.0	15
21	The role of sex hormones in induced-systemic inflammation in female albino rats. <i>Acta Physiologica Hungarica</i> , 2014, 101, 112-127.	0.9	14
22	Association of resveratrol with the suppression of TNF- α /NF- κ B/iNOS/HIF-1 α axis-mediated fibrosis and systemic hypertension in thioacetamide-induced liver injury. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 1087-1095.	1.4	14
23	Exercise protects against insulin-dependent diabetes-induced osteoarthritis in rats: A scanning electron microscopy study. <i>Ultrastructural Pathology</i> , 2017, 41, 252-257.	0.4	13
24	Grape seed extract protects against amiodarone - induced nephrotoxicity and ultrastructural alterations associated with the inhibition of biomarkers of inflammation and oxidative stress in rats. <i>Ultrastructural Pathology</i> , 2021, 45, 49-58.	0.4	13
25	Swim exercise training ameliorates hepatocyte ultrastructural alterations in rats fed on a high fat and sugar diet. <i>Ultrastructural Pathology</i> , 2018, 42, 155-161.	0.4	12
26	Resveratrol Pretreatment Ameliorates p53-Bax Axis and Augments the Survival Biomarker B-Cell Lymphoma 2 Modulated by Paracetamol Overdose in a Rat Model of Acute Liver Injury. <i>Pharmacology</i> , 2020, 105, 39-46.	0.9	12
27	Suppression of knee joint osteoarthritis induced secondary to type 2 diabetes mellitus in rats by resveratrol: role of glycated haemoglobin and hyperlipidaemia and biomarkers of inflammation and oxidative stress. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 1375-1382.	1.0	11
28	Levels of sCD40 Ligand in Chronic and Acute Coronary Syndromes and its Relation to Angiographic Extent of Coronary Arterial Narrowing. <i>Angiology</i> , 2010, 61, 567-573.	0.8	10
29	Metformin Is Associated with the Inhibition of Renal Artery AT1R/ET-1/iNOS Axis in a Rat Model of Diabetic Nephropathy with Suppression of Inflammation and Oxidative Stress and Kidney Injury. <i>Biomedicines</i> , 2022, 10, 1644.	1.4	10
30	Link between Homocysteine and Cardiovascular Diseases. <i>Current Pharmacology Reports</i> , 2018, 4, 1-9.	1.5	9
31	Metformin ameliorates ROS-p53-collagen axis of fibrosis and dyslipidemia in type 2 diabetes mellitus-induced left ventricular injury. <i>Archives of Physiology and Biochemistry</i> , 2023, 129, 734-740.	1.0	9
32	Resveratrol suppresses cholestasis-induced liver injury and fibrosis in rats associated with the inhibition of TGF β 1-Smad3-miR21 axis and profibrogenic and hepatic injury biomarkers. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1402-1411.	0.9	9
33	Suppression of acetaminophen-induced hepatocyte ultrastructural alterations in rats using a combination of resveratrol and quercetin. <i>Ultrastructural Pathology</i> , 2019, 43, 162-169.	0.4	8
34	Metformin suppresses aortic ultrastructural damage and hypertension induced by diabetes: a potential role of advanced glycation end products. <i>Ultrastructural Pathology</i> , 2019, 43, 190-198.	0.4	8
35	Thrombocytopenia in Patients With Chronic Hepatitis C: A Possible Role of HCV on Platelet Progenitor Cell Maturation. <i>Angiology</i> , 2010, 61, 304-313.	0.8	7
36	Swimming, but not vitamin E, ameliorates prothrombotic state and hypofibrinolysis in a rat model of nonalcoholic fatty liver disease. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 29, 61-71.	0.7	7

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37	Vitamin E ameliorates alterations to the articular cartilage of knee joints induced by monoiodoacetate and diabetes mellitus in rats. <i>Ultrastructural Pathology</i> , 2019, 43, 126-134.	0.4	7
38	Metformin pretreatment suppresses alterations to the articular cartilage ultrastructure and knee joint tissue damage secondary to type 2 diabetes mellitus in rats. <i>Ultrastructural Pathology</i> , 2020, 44, 273-282.	0.4	7
39	Metformin Protects against Diabetic Cardiomyopathy: An Association between Desmin and Sarcomere Injury and the iNOS/mTOR/TIMP-1 Fibrosis Axis. <i>Biomedicines</i> , 2022, 10, 984.	1.4	7
40	Insulin protects against hepatocyte ultrastructural damage induced by type 1 diabetes mellitus in rats. <i>Ultrastructural Pathology</i> , 2018, 42, 508-515.	0.4	6
41	Insulin Suppresses Type 1 Diabetes Mellitus-Induced Ventricular Cardiomyocyte Damage Associated with the Inhibition of Biomarkers of Inflammation and Oxidative Stress in Rats. <i>Pharmacology</i> , 2019, 104, 157-165.	0.9	6
42	Swim exercise inhibits hemostatic abnormalities in a rat model of obesity and insulin resistance. <i>Archives of Physiology and Biochemistry</i> , 2019, 125, 79-84.	1.0	6
43	Exercise augments the modulatory effects of vitamin E on pre-diabetes-induced aortopathy: a potential role of adiponectin. <i>Archives of Physiology and Biochemistry</i> , 2020, 126, 356-362.	1.0	6
44	THE IMPACT OF ANTIOXIDANTS ON INFLAMMATION AND OXIDATIVE STRESS MARKERS IN OSTEOARTHRITIS RAT MODEL: SCANNING ELECTRON MICROSCOPE INSIGHTS. <i>American Journal of Pharmacology and Toxicology</i> , 2014, 9, 157-167.	0.7	5
45	Metformin Protects Against Thioacetamide Induced Liver injury in Rats. <i>International Journal of Morphology</i> , 2018, 36, 984-990.	0.1	5
46	Resveratrol ameliorates type 2 diabetes mellitus-induced alterations to the knee joint articular cartilage ultrastructure in rats. <i>Ultrastructural Pathology</i> , 2021, 45, 92-101.	0.4	5
47	Antioxidant Activity of Vitamin C against LPS-Induced Septic Cardiomyopathy by Down-Regulation of Oxidative Stress and Inflammation. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2387-2400.	1.0	5
48	Chronic Hepatitis C, Insulin Resistance and Vascular Disease. <i>Current Pharmaceutical Design</i> , 2010, 16, 3823-3829.	0.9	4
49	Captopril suppresses hepatic mammalian target of rapamycin cell signaling and biomarkers of inflammation and oxidative stress in thioacetamide-induced hepatotoxicity in rats. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 414-421.	1.0	4
50	Development of a Rat Model of Knee Osteoarthritis by a Combination of Monoiodoacetate and Streptozotocin. <i>International Journal of Morphology</i> , 2017, 35, 1383-1390.	0.1	3
51	Vitamin E Protects Against Hepatocyte Ultrastructural Damage Induced by High Fat Diet in a Rat Model of Pre-Diabetes. <i>International Journal of Morphology</i> , 2018, 36, 1350-1355.	0.1	3
52	Insulin protects against type 1 diabetes mellitus-induced aortopathy associated with the inhibition of biomarkers of vascular injury in rats. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 266-272.	1.0	3
53	Modulatory Effect of Concomitant Administration of Insulin and Vanadium on Inflammatory Biomarkers in Type 2 Diabetic Rats: Role of Adiponectin. <i>Chinese Journal of Physiology</i> , 2018, 61, 42-49.	0.4	3
54	Potential Protective Effect of Vitamin C on Qunalphos-Induced Cardiac Toxicity: Histological and Tissue Biomarker Assay. <i>Biomedicines</i> , 2022, 10, 39.	1.4	3

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55	Effect of Insulin on Adiponectin and Adiponectin Receptor-1 Expression in Rats with Streptozotocin-induced Type 2 Diabetes. <i>Journal of Health Science</i> , 2011, 57, 334-340.	0.9	2
56	Differential Therapeutic Effects of Crataegus aronia and Simvastatin on the Hepatocyte Ultrastructure in Hepatic Steatosis. <i>International Journal of Morphology</i> , 2017, 35, 578-583.	0.1	2
57	Vitamin E protects against the modulation of TNF- $\hat{\pm}$ -AMPK axis and inhibits pancreas injury in a rat model of L-arginine-induced acute necrotising pancreatitis. <i>Archives of Physiology and Biochemistry</i> , 2023, 129, 148-156.	1.0	2
58	Role of dietary selenium in alleviating bisphenol A toxicity of liver albino rats: Histological, ultrastructural, and biomarker assessments. <i>Journal of Food Biochemistry</i> , 2021, 45, e13725.	1.2	2
59	Effects of l-Canavanine and ozone on vascular reactivity in septicemic rats. <i>Journal of Physiology and Biochemistry</i> , 2010, 66, 255-264.	1.3	1
60	Metformin Pretreatment Ameliorates Diabetic Nephropathy Induced by a Combination of High Fat Diet and Streptozotocin in Rats. <i>International Journal of Morphology</i> , 2018, 36, 969-974.	0.1	1
61	Suppression of type 2 diabetes mellitus-induced aortic ultrastructural alterations in rats by insulin: an association of vascular injury biomarkers. <i>Ultrastructural Pathology</i> , 2020, 44, 316-323.	0.4	1
62	The impact of concomitant administration of vanadium and insulin on endothelial dysfunction markers (PAI-1 and ET-1) in type 1 diabetic rats. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 20-27.	1.0	1
63	The impact of vanadium on endothelial dysfunction in type 2 diabetic rats: Histological insight. <i>Egyptian Academic Journal of Biological Sciences C Physiology and Molecular Biology</i> , 2014, 6, 83-91.	0.0	1
64	Pre-Diabetes Induces Ultrastructural Alterations in the Large Blood Vessel Aorta in Rats. <i>International Journal of Morphology</i> , 2019, 37, 647-653.	0.1	0
65	Vanadyl sulphate ameliorates biomarkers of endothelial injury and coagulation and thrombosis in a rat model of hyperglycaemia. <i>Archives of Physiology and Biochemistry</i> , 2019, , 1-8.	1.0	0
66	Intermittent Short-Duration Re-oxygenation Attenuates Cardiac Changes in Response to Hypoxia: Histological, Ultrastructural and Oxidant/Antioxidant Parameters. , 0, 79, .		0