

# Mohamed A Haidara

## List of Publications by Year in Descending Order

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

61  
papers

710  
citations

14  
h-index

25  
g-index

66  
ext. papers

890  
ext. citations

2.3  
avg, IF

3.85  
L-index

#	Paper	IF	Citations
61	Metformin Protects against Diabetic Cardiomyopathy: An Association between Desmin $\beta$ and $\alpha$ -Sarcosine Injury and the iNOS/mTOR/TIMP-1 Fibrosis Axis. <i>Biomedicines</i> , <b>2022</b> , 10, 984	4.8	3
60	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> , <b>2022</b> , 44, 2387-2400	2.9	
59	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> , <b>2021</b> , 127, 414-421	2.2	1
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> , <b>2021</b> , 45, e13725	3.3	
57	Resveratrol suppresses cholestasis-induced liver injury and fibrosis in rats associated with the inhibition of TGF $\beta$ -Smad3-miR21 axis and profibrogenic and hepatic injury biomarkers. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2021</b> , 48, 1402-1411	3	2
56	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> , <b>2021</b> , 127, 20-27	2.2	1
55	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> , <b>2021</b> , 127, 266-272	2.2	3
54	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> , <b>2021</b> , 45, 49-58	1.3	6
53	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> , <b>2021</b> , 1-7	2.2	5
52	Resveratrol ameliorates type 2 diabetes mellitus-induced alterations to the knee joint articular cartilage ultrastructure in rats. <i>Ultrastructural Pathology</i> , <b>2021</b> , 45, 92-101	1.3	0
51	Potential Protective Effect of Vitamin C on Qunalphos-Induced Cardiac Toxicity: Histological and Tissue Biomarker Assay.. <i>Biomedicines</i> , <b>2021</b> , 10,	4.8	1
50	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> , <b>2020</b> , 44, 273-282	1.3	3
49	Suppression of type 2 diabetes mellitus-induced aortic ultrastructural alterations in rats by insulin: an association of vascular injury biomarkers. <i>Ultrastructural Pathology</i> , <b>2020</b> , 44, 316-323	1.3	
48	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> , <b>2020</b> , 1-8	2.2	5
47	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> , <b>2020</b> , 1-7	2.3	10
46	Vitamin E protects against the modulation of TNF $\beta$ -AMPK axis and inhibits pancreas injury in a rat model of L-arginine-induced acute necrotising pancreatitis. <i>Archives of Physiology and Biochemistry</i> , <b>2020</b> , 1-9	2.2	0
45	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> , <b>2020</b> , 126, 356-362	2.2	5

44	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> , <b>2020</b> , 105, 39-46	2.3	5
43	Pre-Diabetes Induces Ultrastructural Alterations in the Large Blood Vessel Aorta in Rats. <i>International Journal of Morphology</i> , <b>2019</b> , 37, 647-653	0.5	
42	Metformin suppresses aortic ultrastructural damage and hypertension induced by diabetes: a potential role of advanced glycation end products. <i>Ultrastructural Pathology</i> , <b>2019</b> , 43, 190-198	1.3	5
41	Vitamin E ameliorates alterations to the articular cartilage of knee joints induced by monoiodoacetate and diabetes mellitus in rats. <i>Ultrastructural Pathology</i> , <b>2019</b> , 43, 126-134	1.3	3
40	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> , <b>2019</b> , 104, 157-165	2.3	4
39	Suppression of acetaminophen-induced hepatocyte ultrastructural alterations in rats using a combination of resveratrol and quercetin. <i>Ultrastructural Pathology</i> , <b>2019</b> , 43, 162-169	1.3	6
38	Vitamin E protects against monosodium glutamate-induced acute liver injury and hepatocyte ultrastructural alterations in rats. <i>Ultrastructural Pathology</i> , <b>2019</b> , 43, 199-208	1.3	10
37	Homocysteine and Hyperhomocysteinaemia. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 2948-2961	4.3	69
36	Vanadyl sulphate ameliorates biomarkers of endothelial injury and coagulation and thrombosis in a rat model of hyperglycaemia. <i>Archives of Physiology and Biochemistry</i> , <b>2019</b> , 1-8	2.2	
35	Metformin inhibits mTOR-HIF-1 $\alpha$ axis and profibrogenic and inflammatory biomarkers in thioacetamide-induced hepatic tissue alterations. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 9328-9337	7	25
34	Swim exercise inhibits hemostatic abnormalities in a rat model of obesity and insulin resistance. <i>Archives of Physiology and Biochemistry</i> , <b>2019</b> , 125, 79-84	2.2	3
33	Swim exercise training ameliorates hepatocyte ultrastructural alterations in rats fed on a high fat and sugar diet. <i>Ultrastructural Pathology</i> , <b>2018</b> , 42, 155-161	1.3	9
32	Link between Homocysteine and Cardiovascular Diseases. <i>Current Pharmacology Reports</i> , <b>2018</b> , 4, 1-9	5.5	5
31	MSCs ameliorates DPN induced cellular pathology via [Ca <sup>2+</sup> ] homeostasis and scavenging the pro-inflammatory cytokines. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 1330-1341	7	11
30	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> , <b>2018</b> , 61, 42-49	1.6	3
29	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> , <b>2018</b> , 29, 61-71	1.6	6
28	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> , <b>2018</b> , 36, 1350-1355	0.5	2
27	Metformin Pretreatment Ameliorates Diabetic Nephropathy Induced by a Combination of High Fat Diet and Streptozotocin in Rats. <i>International Journal of Morphology</i> , <b>2018</b> , 36, 969-974	0.5	

26	Metformin Protects Against Thioacetamide Induced Liver injury in Rats. <i>International Journal of Morphology</i> , <b>2018</b> , 36, 984-990	0.5	2
25	Insulin protects against hepatocyte ultrastructural damage induced by type 1 diabetes mellitus in rats. <i>Ultrastructural Pathology</i> , <b>2018</b> , 42, 508-515	1.3	4
24	Exercise protects against insulin-dependent diabetes-induced osteoarthritis in rats: A scanning electron microscopy study. <i>Ultrastructural Pathology</i> , <b>2017</b> , 41, 252-257	1.3	9
23	Development of a Rat Model of Knee Osteoarthritis by a Combination of Monoiodoacetate and Streptozotocin. <i>International Journal of Morphology</i> , <b>2017</b> , 35, 1383-1390	0.5	3
22	Differential Therapeutic Effects of Crataegus aronia and Simvastatin on the Hepatocyte Ultrastructure in Hepatic Steatosis. <i>International Journal of Morphology</i> , <b>2017</b> , 35, 578-583	0.5	2
21	Insulin and vanadium protect against osteoarthritis development secondary to diabetes mellitus in rats. <i>Archives of Physiology and Biochemistry</i> , <b>2016</b> , 122, 148-54	2.2	17
20	Differentiated mesenchymal stem cells ameliorate cardiovascular complications in diabetic rats. <i>Cell and Tissue Research</i> , <b>2015</b> , 359, 565-575	4.2	12
19	Heart Failure Models: Traditional and Novel Therapy. <i>Current Vascular Pharmacology</i> , <b>2015</b> , 13, 658-69	3.3	11
18	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> , <b>2014</b> , 9, 157-167	0.6	5
17	The role of sex hormones in induced-systemic inflammation in female albino rats. <i>Acta Physiologica Hungarica</i> , <b>2014</b> , 101, 112-27		12
16	Effects of obesity and estradiol on Na <sup>+</sup> /K <sup>+</sup> -ATPase and their relevance to cardiovascular diseases. <i>Journal of Endocrinology</i> , <b>2013</b> , 218, R13-23	4.7	18
15	Evaluation of the possible contribution of antioxidants administration in metabolic syndrome. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 3699-712	3.3	14
14	Effect of Insulin on Adiponectin and Adiponectin Receptor-1 Expression in Rats with Streptozotocin-induced Type 2 Diabetes. <i>Journal of Health Science</i> , <b>2011</b> , 57, 334-340		
13	Involvement of ERK1/2 kinase in insulin-and thrombin-stimulated vascular smooth muscle cell proliferation. <i>Angiology</i> , <b>2010</b> , 61, 357-64	2.1	25
12	Levels of sCD40 ligand in chronic and acute coronary syndromes and its relation to angiographic extent of coronary arterial narrowing. <i>Angiology</i> , <b>2010</b> , 61, 567-73	2.1	8
11	Cardiac adaptive responses after hypoxia in an experimental model. <i>Angiology</i> , <b>2010</b> , 61, 145-56	2.1	20
10	Thrombocytopenia in patients with chronic hepatitis C: a possible role of HCV on platelet progenitor cell maturation. <i>Angiology</i> , <b>2010</b> , 61, 304-13	2.1	6
9	Diabetes and antioxidants: myth or reality?. <i>Current Vascular Pharmacology</i> , <b>2010</b> , 8, 661-72	3.3	19

8	Chronic hepatitis C, insulin resistance and vascular disease. <i>Current Pharmaceutical Design</i> , <b>2010</b> , 16, 3823-9	3.9	3
7	Effects of L-canavanine and ozone on vascular reactivity in septicemic rats. <i>Journal of Physiology and Biochemistry</i> , <b>2010</b> , 66, 255-64	5	1
6	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> , <b>2009</b> , 23, 130-6	3.2	73
5	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> , <b>2009</b> , 5, 153-161	0.4	16
4	Oxidative stress as a common mediator for apoptosis induced-cardiac damage in diabetic rats. <i>Open Cardiovascular Medicine Journal</i> , <b>2008</b> , 2, 70-8	0.7	30
3	Effect of bone marrow-derived mesenchymal stem cells on cardiovascular complications in diabetic rats. <i>Medical Science Monitor</i> , <b>2008</b> , 14, BR249-55	3.2	28
2	Role of oxidative stress in development of cardiovascular complications in diabetes mellitus. <i>Current Vascular Pharmacology</i> , <b>2006</b> , 4, 215-27	3.3	139
1	Impact of alpha-tocopherol and vitamin C on endothelial markers in rats with streptozotocin-induced diabetes. <i>Medical Science Monitor</i> , <b>2004</b> , 10, BR41-6	3.2	18