

Abdelali Agouni

List of Publications by Citations

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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.

67
papers

1,814
citations

24
h-index

42
g-index

86
ext. papers

2,127
ext. citations

4.7
avg, IF

4.68
L-index

#	Paper	IF	Citations
67	Endothelial dysfunction caused by circulating microparticles from patients with metabolic syndrome. <i>American Journal of Pathology</i> , 2008 , 173, 1210-9	5.8	217
66	Circulating microparticles from patients with septic shock exert protective role in vascular function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 1148-55	10.2	144
65	Sonic hedgehog carried by microparticles corrects endothelial injury through nitric oxide release. <i>FASEB Journal</i> , 2007 , 21, 2735-41	0.9	130
64	The phosphoinositide 3-kinase/Akt pathway: a new target in human renal cell carcinoma therapy. <i>Cancer Research</i> , 2006 , 66, 5130-42	10.1	127
63	Liver-specific deletion of protein tyrosine phosphatase (PTP) 1B improves obesity- and pharmacologically induced endoplasmic reticulum stress. <i>Biochemical Journal</i> , 2011 , 438, 369-78	3.8	86
62	Red wine polyphenols prevent metabolic and cardiovascular alterations associated with obesity in Zucker fatty rats (Fa/Fa). <i>PLoS ONE</i> , 2009 , 4, e5557	3.7	83
61	Phosphatidylinositol 3-kinase and xanthine oxidase regulate nitric oxide and reactive oxygen species productions by apoptotic lymphocyte microparticles in endothelial cells. <i>Journal of Immunology</i> , 2008 , 180, 5028-35	5.3	78
60	Endothelial dysfunction and circulating microparticles from patients with obstructive sleep apnea. <i>American Journal of Pathology</i> , 2010 , 177, 974-83	5.8	74
59	Susceptibility to diet-induced obesity and glucose intolerance in the APP (SWE)/PSEN1 (A246E) mouse model of Alzheimer's disease is associated with increased brain levels of protein tyrosine phosphatase 1B (PTP1B) and retinol-binding protein 4 (RBP4), and basal phosphorylation of S6 ribosomal protein. <i>Journal of Neurochemistry</i> , 2014 , 129, 2119-27	10.3	65
58	Crosstalk Between Oxidative Stress and Endoplasmic Reticulum (ER) Stress in Endothelial Dysfunction and Aberrant Angiogenesis Associated With Diabetes: A Focus on the Protective Roles of Heme Oxygenase (HO)-1. <i>Frontiers in Physiology</i> , 2019 , 10, 70	4.6	64
57	Endoplasmic Reticulum Stress: A Critical Molecular Driver of Endothelial Dysfunction and Cardiovascular Disturbances Associated with Diabetes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	55
56	Myeloid-cell protein tyrosine phosphatase-1B deficiency in mice protects against high-fat diet and lipopolysaccharide-induced inflammation, hyperinsulinemia, and endotoxemia through an IL-10/STAT3-dependent mechanism. <i>Diabetes</i> , 2014 , 63, 456-70	0.9	51
55	Heme oxygenase (HO)-1 induction prevents Endoplasmic Reticulum stress-mediated endothelial cell death and impaired angiogenic capacity. <i>Biochemical Pharmacology</i> , 2017 , 127, 46-59	6	50
54	Adipocyte-specific protein tyrosine phosphatase 1B deletion increases lipogenesis, adipocyte cell size and is a minor regulator of glucose homeostasis. <i>PLoS ONE</i> , 2012 , 7, e32700	3.7	47
53	The Role of Protein Tyrosine Phosphatase (PTP)-1B in Cardiovascular Disease and Its Interplay with Insulin Resistance. <i>Biomolecules</i> , 2019 , 9,	5.9	43
52	Role of G(i/o)-Src kinase-PI3K/Akt pathway and caveolin-1 in β -adrenoceptor coupling to endothelial NO synthase in mouse pulmonary artery. <i>Cellular Signalling</i> , 2011 , 23, 1136-43	4.9	42
51	Microparticles from patients with metabolic syndrome induce vascular hypo-reactivity via Fas/Fas-ligand pathway in mice. <i>PLoS ONE</i> , 2011 , 6, e27809	3.7	40

50	Parathyroid hormone-related protein induces cell survival in human renal cell carcinoma through the PI3K Akt pathway: evidence for a critical role for integrin-linked kinase and nuclear factor kappa B. <i>Carcinogenesis</i> , 2007 , 28, 1893-901	4.6	34
49	Microparticles from apoptotic monocytes enhance nitrosative stress in human endothelial cells. <i>Fundamental and Clinical Pharmacology</i> , 2011 , 25, 653-60	3.1	32
48	In vivo differential effects of fasting, re-feeding, insulin and insulin stimulation time course on insulin signaling pathway components in peripheral tissues. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 401, 104-11	3.4	32
47	Cellular apoptosis susceptibility (chromosome segregation 1-like, CSE1L) gene is a key regulator of apoptosis, migration and invasion in colorectal cancer. <i>Journal of Pathology</i> , 2012 , 228, 471-81	9.4	30
46	Temporal Cross Talk Between Endoplasmic Reticulum and Mitochondria Regulates Oxidative Stress and Mediates Microparticle-Induced Endothelial Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2017 , 26, 15-27	8.4	29
45	Antioxidant Activity Mediates Pirfenidone Antifibrotic Effects in Human Pulmonary Vascular Smooth Muscle Cells Exposed to Sera of Idiopathic Pulmonary Fibrosis Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 2639081	6.7	27
44	Microparticles as biomarkers of vascular dysfunction in metabolic syndrome and its individual components. <i>Current Vascular Pharmacology</i> , 2014 , 12, 483-92	3.3	26
43	Circulating microparticles as biomarkers of stroke: A focus on the value of endothelial- and platelet-derived microparticles. <i>Journal of Cellular Physiology</i> , 2019 , 234, 16739-16754	7	21
42	Selenium and Health: An Update on the Situation in the Middle East and North Africa. <i>Nutrients</i> , 2019 , 11,	6.7	20
41	Hepatic protein tyrosine phosphatase 1B (PTP1B) deficiency protects against obesity-induced endothelial dysfunction. <i>Biochemical Pharmacology</i> , 2014 , 92, 607-17	6	14
40	BCL-2 Inhibitor Venetoclax Induces Autophagy-Associated Cell Death, Cell Cycle Arrest, and Apoptosis in Human Breast Cancer Cells. <i>OncoTargets and Therapy</i> , 2020 , 13, 13357-13370	4.4	13
39	Molecular Mechanisms Underpinning Microparticle-Mediated Cellular Injury in Cardiovascular Complications Associated with Diabetes. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 6475187	6.7	12
38	Metformin Induces Different Responses in Clear Cell Renal Cell Carcinoma Caki Cell Lines. <i>Biomolecules</i> , 2019 , 9,	5.9	10
37	There Is Selective Increase in Pro-thrombotic Circulating Extracellular Vesicles in Acute Ischemic Stroke and Transient Ischemic Attack: A Study of Patients From the Middle East and Southeast Asia. <i>Frontiers in Neurology</i> , 2019 , 10, 251	4.1	10
36	An Emergency Switch to Distance Learning in Response to the COVID-19 Pandemic: Experience from an Internationally Accredited Undergraduate Pharmacy Program at Qatar University. <i>Medical Science Educator</i> , 2020 , 30, 1-5	0.7	10
35	Microparticles as Potential Mediators of High Glucose-Induced Renal Cell Injury. <i>Biomolecules</i> , 2019 , 9,	5.9	9
34	Endoplasmic reticulum stress and oxidative stress drive endothelial dysfunction induced by high selenium. <i>Journal of Cellular Physiology</i> , 2021 , 236, 4348-4359	7	9
33	EGFR Inhibitor Gefitinib Induces Cardiotoxicity through the Modulation of Cardiac PTEN/Akt/FoxO3a Pathway and Reactive Metabolites Formation: and Rat Studies. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1719-1728	4	7

32	Letrozole-loaded nonionic surfactant vesicles prepared via a slurry-based proniosome technology: Formulation development and characterization. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 58, 101721	4.5	7
31	Molecular Mechanisms of Adiponectin-Induced Attenuation of Mechanical Stretch-Mediated Vascular Remodeling. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 6425782	6.7	6
30	Serum levels of RBP4 and adipose tissue levels of PTP1B are increased in obese men resident in northeast Scotland without associated changes in ER stress response genes. <i>International Journal of General Medicine</i> , 2012 , 5, 403-11	2.3	6
29	Epigenetic Regulation of Cancer Stem Cells by the Aryl Hydrocarbon Receptor Pathway. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	6
28	Endoplasmic Reticulum (ER) Stress-Generated Extracellular Vesicles (Microparticles) Self-Perpetuate ER Stress and Mediate Endothelial Cell Dysfunction Independently of Cell Survival. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 584791	5.4	5
27	Comparison of the Protective Effects of Individual Components of Particulated -Sialidase (PTCTS), PTC and TS, against High Cholesterol Diet-Induced Atherosclerosis in Rabbits. <i>BioMed Research International</i> , 2017 , 2017, 7212985	3	5
26	Using Assessment Design Decision Framework in understanding the impact of rapid transition to remote education on student assessment in health-related colleges: A qualitative study. <i>PLoS ONE</i> , 2021 , 16, e0254444	3.7	5
25	Between Inflammation and Autophagy: The Role of Leptin-Adiponectin Axis in Cardiac Remodeling. <i>Journal of Inflammation Research</i> , 2021 , 14, 5349-5365	4.8	4
24	Interplay between Endoplasmic Reticulum Stress and Large Extracellular Vesicles (Microparticles) in Endothelial Cell Dysfunction. <i>Biomedicines</i> , 2020 , 8,	4.8	4
23	Suppression of GATA-3 increases adipogenesis, reduces inflammation and improves insulin sensitivity in 3T3L-1 preadipocytes. <i>Cellular Signalling</i> , 2020 , 75, 109735	4.9	3
22	Sestrin2 suppression aggravates oxidative stress and apoptosis in endothelial cells subjected to pharmacologically induced endoplasmic reticulum stress. <i>European Journal of Pharmacology</i> , 2021 , 907, 174247	5.3	3
21	HIGH SELENIUM INTAKE IS ASSOCIATED WITH ENDOTHELIAL DYSFUNCTION: CRITICAL ROLE FOR ENDOPLASMIC RETICULUM STRESS. <i>Heart</i> , 2014 , 100, A5.1-A5	5.1	2
20	Investigating the use of a lecture capture system within pharmacy education: Lessons from an undergraduate pharmacy program at Qatar University. <i>International Journal of Educational Technology in Higher Education</i> , 2020 , 17,	6.3	2
19	Oral PTCTS (Particulated Transialidase) Removes Serum Microparticles and Decreases Inflammation in Atherosclerotic Plaques of Rabbits. <i>Advances in Nanoparticles</i> , 2015 , 04, 107-115	1.4	2
18	Paradoxical Effect of Nonalcoholic Red Wine Polyphenol Extract, Provinols in the Regulation of Cyclooxygenases in Vessels from Zucker Fatty Rats (<i>J</i>). <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 8536910	6.7	1
17	Predicting factors of public awareness and perception about the quality, safety of drinking water, and pollution incidents.. <i>Environmental Monitoring and Assessment</i> , 2021 , 194, 22	3.1	1
16	Abstract 447: Sonic Hedgehog Carried By Microparticles Corrects Endothelial Injury Through Nitric Oxide Release. <i>Circulation</i> , 2007 , 116,	16.7	1
15	Endoplasmic Reticulum Stress Drives High Selenium-Induced Endothelial Dysfunction. <i>FASEB Journal</i> , 2018 , 32, 902.4	0.9	1

14	Protein Tyrosine Phosphatase (PTP) 1B Inhibition Improves Endoplasmic Reticulum Stress-Induced Apoptosis in Endothelial Cells. <i>FASEB Journal</i> , 2019 , 33, 677.1	0.9	1
13	Endoplasmic Reticulum (ER) stress-generated microparticles self-perpetuate ER stress and mediate endothelial cell dysfunction independently of cell survival. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	1
12	Liver-specific Deletion of Protein Tyrosine Phosphatase (PTP) 1B Improves Endothelial Dysfunction and Cardiovascular Alterations Associated with Obesity in mice. <i>FASEB Journal</i> , 2012 , 26, 526.5	0.9	1
11	205 High Selenium Intake is Associated with Endothelial Dysfunction: Critical Role for Endoplasmic Reticulum Stress. <i>Heart</i> , 2015 , 101, A113.1-A113	5.1	0
10	Venetoclax, a Novel BCL-2 Inhibitor, Induces Cell Growth Suppression, Apoptosis, Cell Cycle Arrest, and Autophagy in Triple Negative Breast Cancer MDA-MB-231 Cells. <i>FASEB Journal</i> , 2019 , 33, 674.16	0.9	0
9	Corneal nerve loss in patients with TIA and acute ischemic stroke in relation to circulating markers of inflammation and vascular integrity.. <i>Scientific Reports</i> , 2022 , 12, 3332	4.9	0
8	Metabolic Signature of Leukocyte Telomere Length in Elite Male Soccer Players.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 727144	5.6	0
7	The Relationship Between Bone Mineral Density and Body Composition Among Qatari Women With High Rate of Obesity: Qatar Biobank Data.. <i>Frontiers in Nutrition</i> , 2022 , 9, 834007	6.2	0
6	183 Heme Oxygenase (HO)-1 Induction Prevents Endoplasmic Reticulum Stress-Mediated Endothelial Cell Death and Dysfunction. <i>Heart</i> , 2015 , 101, A103.2-A103	5.1	
5	Protection by Red Wine Polyphenols against Metabolic and Cardiovascular Alterations Associated with Obesity: A Possible Link with Estrogen Alpha Receptor. <i>Journal of Wine Research</i> , 2011 , 22, 151-157 ¹		
4	P112. Role of caveolae and eNOS phosphorylation in the β -adrenoceptor-mediated relaxation in mice pulmonary arteries. <i>Nitric Oxide - Biology and Chemistry</i> , 2008 , 19, 70-71	5	
3	ANTI-NEOPLASTIC EFFECTS OF METFORMIN AGAINST RENAL CLEAR CELL CARCINOMA. <i>FASEB Journal</i> , 2018 , 32, 836.17	0.9	
2	Differential Selectivity of the Renal Clear Cell Carcinoma Cell Lines to the Antineoplastic Effects of Metformin. <i>FASEB Journal</i> , 2019 , 33, 675.7	0.9	
1	Involvement of caveolae in hyperglycemia-induced changes in adiponectin and leptin expressions in vascular smooth muscle cells.. <i>European Journal of Pharmacology</i> , 2021 , 174701	5.3	