

Abdelali Agouni

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,387
citations

201385

27
h-index

205818

48
g-index

87
all docs

87
docs citations

87
times ranked

3924
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Dysfunction Caused by Circulating Microparticles from Patients with Metabolic Syndrome. <i>American Journal of Pathology</i> , 2008, 173, 1210-1219.	1.9	248
2	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, 1148-1155.	2.5	170
3	Sonic hedgehog carried by microparticles corrects endothelial injury through nitric oxide release. <i>FASEB Journal</i> , 2007, 21, 2735-2741.	0.2	145
4	The Phosphoinositide 3-Kinase/Akt Pathway: A New Target in Human Renal Cell Carcinoma Therapy. <i>Cancer Research</i> , 2006, 66, 5130-5142.	0.4	142
5	Red Wine Polyphenols Prevent Metabolic and Cardiovascular Alterations Associated with Obesity in Zucker Fatty Rats (Fa/Fa). <i>PLoS ONE</i> , 2009, 4, e5557.	1.1	97
6	Liver-specific deletion of protein tyrosine phosphatase (PTP) 1B improves obesity- and pharmacologically induced endoplasmic reticulum stress. <i>Biochemical Journal</i> , 2011, 438, 369-378.	1.7	96
7	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.	1.3	93
8	Endothelial Dysfunction and Circulating Microparticles from Patients with Obstructive Sleep Apnea. <i>American Journal of Pathology</i> , 2010, 177, 974-983.	1.9	88
9	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, 5028-5035.	0.4	84
10	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, 1658.	1.8	83
11	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>Diabetologia</i> , 2011, 54, 2143-2151.	2.9	77
12	The Role of Protein Tyrosine Phosphatase (PTP)-1B in Cardiovascular Disease and Its Interplay with Insulin Resistance. <i>Biomolecules</i> , 2019, 9, 286.	1.8	73
13	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.	2.0	65
14	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, 456-470.	0.3	63
15	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.	1.1	54
16	Microparticles from Patients with Metabolic Syndrome Induce Vascular Hypo-Reactivity via Fas/Fas-Ligand Pathway in Mice. <i>PLoS ONE</i> , 2011, 6, e27809.	1.1	50
17	Role of Gi/o-Src kinase-PI3K/Akt pathway and caveolin-1 in β_2 -adrenoceptor coupling to endothelial NO synthase in mouse pulmonary artery. <i>Cellular Signalling</i> , 2011, 23, 1136-1143.	1.7	49
18	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.	2.5	42

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19	Selenium and Health: An Update on the Situation in the Middle East and North Africa. <i>Nutrients</i> , 2019, 11, 1457.	1.7	38
20	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, 1-8.	1.9	37
21	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, 1893-1901.	1.3	36
22	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, 104-111.	1.0	36
23	Microparticles from apoptotic monocytes enhance nitrosative stress in human endothelial cells. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 653-660.	1.0	36
24	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.	2.0	36
25	Cellular apoptosis susceptibility (chromosome segregation 1-like, <i>CSE1L</i>) gene is a key regulator of apoptosis, migration and invasion in colorectal cancer. <i>Journal of Pathology</i> , 2012, 228, 471-481.	2.1	33
26	Microparticles as Biomarkers of Vascular Dysfunction in Metabolic Syndrome and its Individual Components. <i>Current Vascular Pharmacology</i> , 2014, 12, 483-492.	0.8	33
27	Endoplasmic reticulum stress and oxidative stress drive endothelial dysfunction induced by high selenium. <i>Journal of Cellular Physiology</i> , 2021, 236, 4348-4359.	2.0	32
28	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, Volume 13, 13357-13370.	1.0	25
29	EGFR Inhibitor Gefitinib Induces Cardiotoxicity through the Modulation of Cardiac PTEN/Akt/FoxO3a Pathway and Reactive Metabolites Formation: <i>In Vivo</i> and <i>In Vitro</i> Rat Studies. <i>Chemical Research in Toxicology</i> , 2020, 33, 1719-1728.	1.7	22
30	Hepatic protein tyrosine phosphatase 1B (PTP1B) deficiency protects against obesity-induced endothelial dysfunction. <i>Biochemical Pharmacology</i> , 2014, 92, 607-617.	2.0	21
31	Epigenetic Regulation of Cancer Stem Cells by the Aryl Hydrocarbon Receptor Pathway. <i>Seminars in Cancer Biology</i> , 2022, 83, 177-196.	4.3	21
32	Between Inflammation and Autophagy: The Role of Leptin-Adiponectin Axis in Cardiac Remodeling. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 5349-5365.	1.6	19
33	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.	1.1	18
34	Molecular Mechanisms Underpinning Microparticle-Mediated Cellular Injury in Cardiovascular Complications Associated with Diabetes. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-23.	1.9	17
35	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, 1393-1397.	0.7	16
36	Suppression of GATA-3 increases adipogenesis, reduces inflammation and improves insulin sensitivity in 3T3L-1 preadipocytes. <i>Cellular Signalling</i> , 2020, 75, 109735.	1.7	14

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37	Microparticles as Potential Mediators of High Glucose-Induced Renal Cell Injury. <i>Biomolecules</i> , 2019, 9, 348.	1.8	13
38	Interplay between Endoplasmic Reticulum Stress and Large Extracellular Vesicles (Microparticles) in Endothelial Cell Dysfunction. <i>Biomedicines</i> , 2020, 8, 409.	1.4	13
39	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.	1.1	13
40	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.	1.4	13
41	Metformin Induces Different Responses in Clear Cell Renal Cell Carcinoma Caki Cell Lines. <i>Biomolecules</i> , 2019, 9, 113.	1.8	12
42	Predicting factors of public awareness and perception about the quality, safety of drinking water, and pollution incidents. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 22.	1.3	12
43	The Association between Zinc and Copper Circulating Levels and Cardiometabolic Risk Factors in Adults: A Study of Qatar Biobank Data. <i>Nutrients</i> , 2021, 13, 2729.	1.7	11
44	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.	1.1	10
45	Molecular Mechanisms of Adiponectin-Induced Attenuation of Mechanical Stretch-Mediated Vascular Remodeling. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	9
46	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.	1.7	8
47	Comparison of the Protective Effects of Individual Components of Particulatedtrans-Sialidase (PTCTS), PTC and TS, against High Cholesterol Diet-Induced Atherosclerosis in Rabbits. <i>BioMed Research International</i> , 2017, 2017, 1-12.	0.9	7
48	Influence of the Aryl Hydrocarbon Receptor Activating Environmental Pollutants on Autism Spectrum Disorder. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9258.	1.8	7
49	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.	0.8	6
50	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, .	4.5	5
51	Metabolic Signature of Leukocyte Telomere Length in Elite Male Soccer Players. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 727144.	1.6	5
52	Protein tyrosine phosphatase 1B inhibition improves endoplasmic reticulum stress-impaired endothelial cell angiogenic response: A critical role for cell survival. <i>Molecular Medicine Reports</i> , 2021, 24, .	1.1	3
53	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.	1.6	3
54	HIGH SELENIUM INTAKE IS ASSOCIATED WITH ENDOTHELIAL DYSFUNCTION: CRITICAL ROLE FOR ENDOPLASMIC RETICULUM STRESS. <i>Heart</i> , 2014, 100, A5.1-A5.	1.2	2

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55	Paradoxical Effect of Nonalcoholic Red Wine Polyphenol Extract, Proviolsâ„¢, in the Regulation of Cyclooxygenases in Vessels from Zucker Fatty Rats (fa/fa). <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	2
56	Endoplasmic Reticulum (ER) stressâ€ generated microparticles selfâ€perpetuate ER stress and mediate endothelial cell dysfunction independently of cell survival. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	2
57	Oral PTCTS (Particulated Transialidase) Removes Serum Microparticles and Decreases Inflammation in Atherosclerotic Plaques of Rabbits. <i>Advances in Nanoparticles</i> , 2015, 04, 107-115.	0.3	2
58	Abstract 447: Sonic Hedgehog Carried By Microparticles Corrects Endothelial Injury Through Nitric Oxide Release. <i>Circulation</i> , 2007, 116, .	1.6	2
59	The Protective Role of Sestrin2 in High Fat Diet-Induced Nephropathy. , 2020, , .		2
60	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.	1.6	2
61	205â€...High Selenium Intake is Associated with Endothelial Dysfunction: Critical Role for Endoplasmic Reticulum Stress. <i>Heart</i> , 2015, 101, A113.1-A113.	1.2	1
62	High selenium intake is associated with endothelial dysfunction: critical role for endoplasmic reticulum stress. <i>Atherosclerosis</i> , 2015, 241, e40-e41.	0.4	1
63	Liverâ€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.	0.2	1
64	Endoplasmic Reticulum Stress Drives High Seleniumâ€Induced Endothelial Dysfunction. <i>FASEB Journal</i> , 2018, 32, 902.4.	0.2	1
65	Protein Tyrosine Phosphatase (PTP) 1B Inhibition Improves Endoplasmic Reticulum Stressâ€Induced Apoptosis in Endothelial Cells. <i>FASEB Journal</i> , 2019, 33, 677.1.	0.2	1
66	Venetoclax, a Novel BCLâ€2 Inhibitor, Induces Cell Growth Suppression, Apoptosis, Cell Cycle Arrest, and Autophagy in Triple Negative Breast Cancer MDAâ€MBâ€231 Cells. <i>FASEB Journal</i> , 2019, 33, 674.16.	0.2	1
67	Involvement of caveolae in hyperglycemia-induced changes in adiponectin and leptin expressions in vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , 2022, 919, 174701.	1.7	1
68	P112. Role of caveolae and eNOS phosphorylation in the Î²2-adrenoceptor-mediated relaxation in mice pulmonary arteries. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 19, 70-71.	1.2	0
69	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.	0.9	0
70	Genetics of Interleukin 6 and Selenoprotein S that have a role in inflammation and coronary artery disease. <i>Atherosclerosis</i> , 2014, 237, e3.	0.4	0
71	183â€...Heme Oxygenase (HO)-1 Induction Prevents Endoplasmic Reticulum Stress-Mediated Endothelial Cell Death and Dysfunction. <i>Heart</i> , 2015, 101, A103.2-A103.	1.2	0
72	High Selenium Intake is Associated with Endothelial Dysfunction: Critical Role for Endoplasmic Reticulum Stress. , 2016, , .		0

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73	Quantitative analysis of lecture-capture archive viewing by pharmacy students during the emergency switch to remote learning. , 2021, , .		0
74	443: 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. Journal of Urology, 2007, 177, 149-149.	0.2	0
75	Heme Oxygenase (HO)-1 Induction Prevents Endoplasmic Reticulum Stress-Mediated Endothelial Cell Death and Dysfunction. , 2016, , .		0
76	ANTI-NEOPLASTIC EFFECTS OF METFORMIN AGAINST RENAL CLEAR CELL CARCINOMA. FASEB Journal, 2018, 32, 836.17.	0.2	0
77	Differential Selectivity of the Renal Clear Cell Carcinoma Cell Lines to the Antineoplastic Effects of Metformin. FASEB Journal, 2019, 33, 675.7.	0.2	0
78	Identification of a miRNA signature as a diagnostic and prognostic marker in renal cell carcinoma. , 2021, , .		0
79	Protein Tyrosine Phosphatase (PTP) 1B Inhibition Improves Endoplasmic Reticulum Stress-Induced Apoptosis and Impaired Angiogenic Response in Endothelial Cells. , 2021, , .		0
80	The Association between Zinc and Copper and Cardiometabolic Risk Factors in Adults. , 2021, , .		0
81	Investigating the use of a Lecture Capture System within Pharmacy Education: Lessons from an Internationally Accredited Undergraduate Pharmacy Program. , 2020, , .		0