Abdelali Agouni

List of Publications by Year
in descending order

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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	Epigenetic Regulation of Cancer Stem Cells by the Aryl Hydrocarbon Receptor Pathway. Seminars in Cancer Biology, 2022, 83, 177-196.	4.3	21
2	Predicting factors of public awareness and perception about the quality, safety of drinking water, and pollution incidents. Environmental Monitoring and Assessment, 2022, 194, 22.	1.3	12
3	Corneal nerve loss in patients with TIA and acute ischemic stroke in relation to circulating markers of inflammation and vascular integrity. Scientific Reports, 2022, 12, 3332.	1.6	3
4	Involvement of caveolae in hyperglycemia-induced changes in adiponectin and leptin expressions in vascular smooth muscle cells. European Journal of Pharmacology, 2022, 919, 174701.	1.7	1
5	The Relationship Between Bone Mineral Density and Body Composition Among Qatari Women With High Rate of Obesity: Qatar Biobank Data. Frontiers in Nutrition, 2022, 9, 834007.	1.6	2
6	Endoplasmic reticulum stress and oxidative stress drive endothelial dysfunction induced by high selenium. Journal of Cellular Physiology, 2021, 236, 4348-4359.	2.0	32
7	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. PLoS ONE, 2021, 16, e0254444.	1.1	10
8	Protein tyrosine phosphatase 1B inhibition improves endoplasmic reticulum stressâ€'impaired endothelial cell angiogenic response: A critical role for cell survival. Molecular Medicine Reports, 2021, 24, .	1.1	3
9	The Association between Zinc and Copper Circulating Levels and Cardiometabolic Risk Factors in Adults: A Study of Qatar Biobank Data. Nutrients, 2021, 13, 2729.	1.7	11
10	Influence of the Aryl Hydrocarbon Receptor Activating Environmental Pollutants on Autism Spectrum Disorder. International Journal of Molecular Sciences, 2021, 22, 9258.	1.8	7
11	Sestrin2 suppression aggravates oxidative stress and apoptosis in endothelial cells subjected to pharmacologically induced endoplasmic reticulum stress. European Journal of Pharmacology, 2021, 907, 174247.	1.7	8
12	Quantitative analysis of lecture-capture archive viewing by pharmacy students during the emergency switch to remote learning. , 2021, , .		0
13	Between Inflammation and Autophagy: The Role of Leptin-Adiponectin Axis in Cardiac Remodeling. Journal of Inflammation Research, 2021, Volume 14, 5349-5365.	1.6	19
14	Identification of a miRNA signature as a diagnostic and prognostic marker in renal cell carcinoma. , 2021, , .		0
15	Protein Tyrosine Phosphatase (PTP) 1B Inhibition Improves Endoplasmic Reticulum Stress-Induced Apoptosis and Impaired Angiogenic Response in Endothelial Cells. , 2021, , .		0
16	The Association between Zinc and Copper and Cardiometabolic Risk Factors in Adults. , 2021, , .		0
17	Metabolic Signature of Leukocyte Telomere Length in Elite Male Soccer Players. Frontiers in Molecular Biosciences, 2021, 8, 727144.	1.6	5
18	Suppression of GATA-3 increases adipogenesis, reduces inflammation and improves insulin sensitivity in 3T3L-1 preadipocytes. Cellular Signalling, 2020, 75, 109735.	1.7	14

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19	Interplay between Endoplasmic Reticulum Stress and Large Extracellular Vesicles (Microparticles) in Endothelial Cell Dysfunction. Biomedicines, 2020, 8, 409.	1.4	13
20	An Emergency Switch to Distance Learning in Response to the COVID-19 Pandemic: Experience from an Internationally Accredited Undergraduate Pharmacy Program at Qatar University. Medical Science Educator, 2020, 30, 1393-1397.	0.7	16
21	Endoplasmic Reticulum (ER) Stress-Generated Extracellular Vesicles (Microparticles) Self-Perpetuate ER Stress and Mediate Endothelial Cell Dysfunction Independently of Cell Survival. Frontiers in Cardiovascular Medicine, 2020, 7, 584791.	1.1	13
22	EGFR Inhibitor Gefitinib Induces Cardiotoxicity through the Modulation of Cardiac PTEN/Akt/FoxO3a Pathway and Reactive Metabolites Formation: In Vivo and in Vitro Rat Studies. Chemical Research in Toxicology, 2020, 33, 1719-1728.	1.7	22
23	Molecular Mechanisms of Adiponectin-Induced Attenuation of Mechanical Stretch-Mediated Vascular Remodeling. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	1.9	9
24	Letrozole-loaded nonionic surfactant vesicles prepared via a slurry-based proniosome technology: Formulation development and characterization. Journal of Drug Delivery Science and Technology, 2020, 58, 101721.	1.4	13
25	Endoplasmic Reticulum (ER) stressâ€generated microparticles selfâ€perpetuate ER stress and mediate endothelial cell dysfunction independently of cell survival. FASEB Journal, 2020, 34, 1-1.	0.2	2
26	Investigating the use of a lecture capture system within pharmacy education: Lessons from an undergraduate pharmacy program at Qatar University. International Journal of Educational Technology in Higher Education, 2020, 17, .	4.5	5
27	BCL-2 Inhibitor Venetoclax Induces Autophagy-Associated Cell Death, Cell Cycle Arrest, and Apoptosis in Human Breast Cancer Cells. OncoTargets and Therapy, 2020, Volume 13, 13357-13370.	1.0	25
28	Investigating the use of a Lecture Capture System within Pharmacy Education: Lessons from an Internationally Accredited Undergraduate Pharmacy Program. , 2020, , .		0
29	The Protective Role of Sestrin2 in High Fat Diet-Induced Nephropathy. , 2020, , .		2
30	Microparticles as Potential Mediators of High Glucose-Induced Renal Cell Injury. Biomolecules, 2019, 9, 348.	1.8	13
31	The Role of Protein Tyrosine Phosphatase (PTP)-1B in Cardiovascular Disease and Its Interplay with Insulin Resistance. Biomolecules, 2019, 9, 286.	1.8	73
32	Selenium and Health: An Update on the Situation in the Middle East and North Africa. Nutrients, 2019, 11, 1457.	1.7	38
33	Endoplasmic Reticulum Stress: A Critical Molecular Driver of Endothelial Dysfunction and Cardiovascular Disturbances Associated with Diabetes. International Journal of Molecular Sciences, 2019, 20, 1658.	1.8	83
34	Circulating microparticles as biomarkers of stroke: A focus on the value of endothelialâ€and plateletâ€derived microparticles. Journal of Cellular Physiology, 2019, 234, 16739-16754.	2.0	36
35	Metformin Induces Different Responses in Clear Cell Renal Cell Carcinoma Caki Cell Lines. Biomolecules, 2019, 9, 113.	1.8	12
36	Molecular Mechanisms Underpinning Microparticle-Mediated Cellular Injury in Cardiovascular Complications Associated with Diabetes. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-23.	1.9	17

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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. Frontiers in Neurology, 2019, 10, 251.	1.1	18
38	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. Frontiers in Physiology, 2019, 10, 70.	1.3	93
39	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
40	Protein Tyrosine Phosphatase (PTP) 1B Inhibition Improves Endoplasmic Reticulum Stressâ€Induced Apoptosis in Endothelial Cells. FASEB Journal, 2019, 33, 677.1.	0.2	1
41	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. FASEB Journal, 2019, 33, 674.16.	0.2	1
42	Antioxidant Activity Mediates Pirfenidone Antifibrotic Effects in Human Pulmonary Vascular Smooth Muscle Cells Exposed to Sera of Idiopathic Pulmonary Fibrosis Patients. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	1.9	37
43	ANTIâ€NEOPLASTIC EFFECTS OF METFORMIN AGAINST RENAL CLEAR CELL CARCINOMA. FASEB Journal, 2018, 32, 836.17.	0.2	0
44	Endoplasmic Reticulum Stress Drives High Seleniumâ€Induced Endothelial Dysfunction. FASEB Journal, 2018, 32, 902.4.	0.2	1
45	Temporal Cross Talk Between Endoplasmic Reticulum and Mitochondria Regulates Oxidative Stress and Mediates Microparticle-Induced Endothelial Dysfunction. Antioxidants and Redox Signaling, 2017, 26, 15-27.	2.5	42
46	Heme oxygenase (HO)-1 induction prevents Endoplasmic Reticulum stress-mediated endothelial cell death and impaired angiogenic capacity. Biochemical Pharmacology, 2017, 127, 46-59.	2.0	65
47	Paradoxical Effect of Nonalcoholic Red Wine Polyphenol Extract, Provinolsâ„¢, in the Regulation of Cyclooxygenases in Vessels from Zucker Fatty Rats (fa/fa). Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	1.9	2
48	Comparison of the Protective Effects of Individual Components of Particulatedtrans-Sialidase (PTCTS), PTC and TS, against High Cholesterol Diet-Induced Atherosclerosis in Rabbits. BioMed Research International, 2017, 2017, 1-12.	0.9	7
49	High Selenium Intake is Associated with Endothelial Dysfunction: Critical Role for Endoplasmic Reticulum Stress. , 2016, , .		0
50	Heme Oxygenase (HO)-1 Induction Prevents Endoplasmic Reticulum Stress-Mediated Endothelial Cell Death and Dysfunction. , 2016, , .		0
51	205â€...High Selenium Intake is Associated with Endothelial Dysfunction: Critical Role for Endoplasmic Reticulum Stress. Heart, 2015, 101, A113.1-A113.	1.2	1
52	183â€...Heme Oxygenase (HO)-1 Induction Prevents Endoplasmic Reticulum Stress-Mediated Endothelial Cell Death and Dysfunction. Heart, 2015, 101, A103.2-A103.	1.2	0
53	High selenium intake is associated with endothelial dysfunction: critical role for endoplasmic reticulum stress. Atherosclerosis, 2015, 241, e40-e41.	0.4	1
54	Oral PTCTS (Particulated Transialidase) Removes Serum Microparticles and Decreases Inflammation in Atherosclerotic Plaques of Rabbits. Advances in Nanoparticles, 2015, 04, 107-115.	0.3	2

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55	HIGH SELENIUM INTAKE IS ASSOCIATED WITH ENDOTHELIAL DYSFUNCTION: CRITICAL ROLE FOR ENDOPLASMIC RETICULUM STRESS. Heart, 2014, 100, A5.1-A5.	1.2	2
56	Hepatic protein tyrosine phosphatase 1B (PTP1B) deficiency protects against obesity-induced endothelial dysfunction. Biochemical Pharmacology, 2014, 92, 607-617.	2.0	21
57	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. Diabetes, 2014, 63, 456-470.	0.3	63
58	Genetics of Interleukin 6 and Selenoprotein S that have a role in inflammation and coronary artery disease. Atherosclerosis, 2014, 237, e3.	0.4	0
59	Microparticles as Biomarkers of Vascular Dysfunction in Metabolic Syndrome and its Individual Components. Current Vascular Pharmacology, 2014, 12, 483-492.	0.8	33
60	Cellular apoptosis susceptibility (chromosome segregation 1â€like, CSE1L) gene is a key regulator of apoptosis, migration and invasion in colorectal cancer. Journal of Pathology, 2012, 228, 471-481.	2.1	33
61	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. International Journal of General Medicine, 2012, 5, 403.	0.8	6
62	Adipocyte-Specific Protein Tyrosine Phosphatase 1B Deletion Increases Lipogenesis, Adipocyte Cell Size and Is a Minor Regulator of Glucose Homeostasis. PLoS ONE, 2012, 7, e32700.	1.1	54
63	Liverâ€specific Deletion of Protein Tyrosine Phosphatase (PTP) 1B Improves Endothelial Dysfunction and Cardiovascular Alterations Associated with Obesity in mice. FASEB Journal, 2012, 26, 526.5.	0.2	1
64	Protection by Red Wine Polyphenols against Metabolic and Cardiovascular Alterations Associated with Obesity: A Possible Link with Estrogen Alpha Receptor. Journal of Wine Research, 2011, 22, 151-157.	0.9	0
65	Microparticles from Patients with Metabolic Syndrome Induce Vascular Hypo-Reactivity via Fas/Fas-Ligand Pathway in Mice. PLoS ONE, 2011, 6, e27809.	1.1	50
66	Liver-specific deletion of protein tyrosine phosphatase (PTP) 1B improves obesity- and pharmacologically induced endoplasmic reticulum stress. Biochemical Journal, 2011, 438, 369-378.	1.7	96
67	Microparticles from apoptotic monocytes enhance nitrosative stress in human endothelial cells. Fundamental and Clinical Pharmacology, 2011, 25, 653-660.	1.0	36
68	Role of Gi/o-Src kinase-PI3K/Akt pathway and caveolin-1 in Î²2-adrenoceptor coupling to endothelial NO synthase in mouse pulmonary artery. Cellular Signalling, 2011, 23, 1136-1143.	1.7	49
69	Susceptibility to diet-induced obesity and glucose intolerance in the APP SWE/PSEN1 A246E mouse model of Alzheimerâ€™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. Diabetologia, 2011, 54, 2143-2151.	2.9	77
70	In vivo differential effects of fasting, re-feeding, insulin and insulin stimulation time course on insulin signaling pathway components in peripheral tissues. Biochemical and Biophysical Research Communications, 2010, 401, 104-111.	1.0	36
71	Endothelial Dysfunction and Circulating Microparticles from Patients with Obstructive Sleep Apnea. American Journal of Pathology, 2010, 177, 974-983.	1.9	88
72	Red Wine Polyphenols Prevent Metabolic and Cardiovascular Alterations Associated with Obesity in Zucker Fatty Rats (Fa/Fa). PLoS ONE, 2009, 4, e5557.	1.1	97

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73	P112. Role of caveolae and eNOS phosphorylation in the Î²2-adrenoceptor-mediated relaxation in mice pulmonary arteries. Nitric Oxide - Biology and Chemistry, 2008, 19, 70-71.	1.2	0
74	Endothelial Dysfunction Caused by Circulating Microparticles from Patients with Metabolic Syndrome. American Journal of Pathology, 2008, 173, 1210-1219.	1.9	248
75	Circulating Microparticles from Patients with Septic Shock Exert Protective Role in Vascular Function. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 1148-1155.	2.5	170
76	Phosphatidylinositol 3-Kinase and Xanthine Oxidase Regulate Nitric Oxide and Reactive Oxygen Species Productions by Apoptotic Lymphocyte Microparticles in Endothelial Cells. Journal of Immunology, 2008, 180, 5028-5035.	0.4	84
77	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. Carcinogenesis, 2007, 28, 1893-1901.	1.3	36
78	Sonic hedgehog carried by microparticles corrects endothelial injury through nitric oxide release. FASEB Journal, 2007, 21, 2735-2741.	0.2	145
79	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
80	Abstract 447: Sonic Hedgehog Carried By Microparticles Corrects Endothelial Injury Through Nitric Oxide Release. Circulation, 2007, 116, .	1.6	2
81	The Phosphoinositide 3-Kinase/Akt Pathway: A New Target in Human Renal Cell Carcinoma Therapy. Cancer Research, 2006, 66, 5130-5142.	0.4	142