Ahmed F El-Yazbi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8823951/publications.pdf

Version: 2024-02-01

110	2,306	218677	265206
papers	citations	26 h-index	42 g-index

111	111	111	2680
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sex Differences in Cardiovascular Impact of Early Metabolic Impairment: Interplay between Dysbiosis and Adipose Inflammation. Molecular Pharmacology, 2022, 102, 60-79.	2.3	2
2	Investigation of nucleic acid damage induced by a novel ruthenium anti-cancer drug using multiple analytical techniques: Sequence specificity and damage kinetics. International Journal of Biological Macromolecules, 2022, 198, 68-76.	7.5	5
3	Western and ketogenic diets in neurological disorders: can you tell the difference?. Nutrition Reviews, 2022, 80, 1927-1941.	5.8	7
4	Mitoquinone supplementation alleviates oxidative stress and pathologic outcomes following repetitive mild traumatic brain injury at a chronic time point. Experimental Neurology, 2022, 351, 113987.	4.1	10
5	Teaching critical appraisal to large classes of undergraduate medical studentsÂusingÂteam-based learning versus group discussions: a randomized controlled trial. BMC Medical Education, 2022, 22, 77.	2.4	10
6	Thromboinflammatory Processes at the Nexus of Metabolic Dysfunction and Prostate Cancer: The Emerging Role of Periprostatic Adipose Tissue. Cancers, 2022, 14, 1679.	3.7	4
7	Mechanisms underlying the effects of caloric restriction on hypertension. Biochemical Pharmacology, 2022, 200, 115035.	4.4	9
8	Early metabolic impairment as a contributor to neurodegenerative disease: Mechanisms and potential pharmacological intervention. Obesity, 2022, 30, 982-993.	3.0	11
9	Periprostatic Adipose Tissue Thromboinflammation Drives Early Prostatic Neoplastic Alterations in a Rat Model of Mild Metabolic Dysfunction. FASEB Journal, 2022, 36, .	0.5	0
10	Dysregulation of Angiotensin Converting Enzyme 2 Expression and Function in Comorbid Disease Conditions Possibly Contributes to Coronavirus Infectious Disease 2019 Complication Severity. Molecular Pharmacology, 2021, 99, 17-28.	2.3	12
11	Beat-to-beat blood pressure variability: an early predictor of disease and cardiovascular risk. Journal of Hypertension, 2021, 39, 830-845.	0.5	15
12	Visfatin: An emerging adipocytokine bridging the gap in the evolution of cardiovascular diseases. Journal of Cellular Physiology, 2021, 236, 6282-6296.	4.1	32
13	Lipid-Lowering Therapies for Atherosclerosis: Statins, Fibrates, Ezetimibe and PCSK9 Monoclonal Antibodies. Current Medicinal Chemistry, 2021, 28, 7427-7445.	2.4	30
14	The Emerging Role of COX-2, 15-LOX and PPARÎ³ in Metabolic Diseases and Cancer: An Introduction to Novel Multi-target Directed Ligands (MTDLs). Current Medicinal Chemistry, 2021, 28, 2260-2300.	2.4	11
15	The pleiotropic effects of antithrombotic drugs in the metabolicâ€“cardiovascularâ€“neurodegenerative disease continuum: impact beyond reduced clotting. Clinical Science, 2021, 135, 1015-1051.	4.3	9
16	Modulatory Effect of Intermittent Fasting on Adipose Tissue Inflammation: Amelioration of Cardiovascular Dysfunction in Early Metabolic Impairment. Frontiers in Pharmacology, 2021, 12, 626313.	3.5	15
17	Peri-renal adipose inflammation contributes to renal dysfunction in a non-obese prediabetic rat model: Role of anti-diabetic drugs. Biochemical Pharmacology, 2021, 186, 114491.	4.4	19
18	Green analytical method for the determination of sofosbuvir, ledipasvir, ribavirin and complex silymarin flavonoids simultaneously in biological fluids. Microchemical Journal, 2021, 164, 105964.	4.5	8

#	Article	IF	Citations
19	Molecular and Biological Mechanisms Underlying Gender Differences in COVID-19 Severity and Mortality. Frontiers in Immunology, 2021, 12, 659339.	4.8	33
20	Transforming iodoquinol into broad spectrum anti-tumor leads: Repurposing to modulate redox homeostasis. Bioorganic Chemistry, 2021, 113, 105035.	4.1	4
21	Perirenal Adipose Tissue Inflammation: Novel Insights Linking Metabolic Dysfunction to Renal Diseases. Frontiers in Endocrinology, 2021, 12, 707126.	3.5	27
22	Challenging inflammatory process at molecular, cellular and inÂvivo levels via some new pyrazolyl thiazolones. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 669-684.	5.2	7
23	Abstract 10267: Thermogenic Modulation of Perivascular Adipose Tissue Ameliorates Cardioautonomic Deterioration in Prediabetes. Circulation, 2021, 144, .	1.6	0
24	Phosphorus Supplementation Mitigates Perivascular Adipose Inflammationâ€“Induced Cardiovascular Consequences in Early Metabolic Impairment. Journal of the American Heart Association, 2021, 10, e023227.	3.7	10
25	The hypertensive potential of estrogen: An untold story. Vascular Pharmacology, 2020, 124, 106600.	2.1	21
26	The Mitochondria: A Target of Polyphenols in the Treatment of Diabetic Cardiomyopathy. International Journal of Molecular Sciences, 2020, 21, 4962.	4.1	27
27	Adipose Tissue Immunomodulation: A Novel Therapeutic Approach in Cardiovascular and Metabolic Diseases. Frontiers in Cardiovascular Medicine, 2020, 7, 602088.	2.4	49
28	Reactive Oxygen Species: Modulators of Phenotypic Switch of Vascular Smooth Muscle Cells. International Journal of Molecular Sciences, 2020, 21, 8764.	4.1	61
29	Cardiac Autonomic Neuropathy: A Progressive Consequence of Chronic Low-Grade Inflammation in Type 2 Diabetes and Related Metabolic Disorders. International Journal of Molecular Sciences, 2020, 21, 9005.	4.1	24
30	Visfatin: A Possible Role in Cardiovasculo-Metabolic Disorders. Cells, 2020, 9, 2444.	4.1	48
31	EPAC in Vascular Smooth Muscle Cells. International Journal of Molecular Sciences, 2020, 21, 5160.	4.1	13
32	Worsening baroreflex sensitivity on progression to type 2 diabetes: localized vs. systemic inflammation and role of antidiabetic therapy. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E835-E851.	3.5	14
33	Western diet aggravates neuronal insult in post-traumatic brain injury: Proposed pathways for interplay. EBioMedicine, 2020, 57, 102829.	6.1	28
34	Molecular Insights Into SARS COV-2 Interaction With Cardiovascular Disease: Role of RAAS and MAPK Signaling. Frontiers in Pharmacology, 2020, 11, 836.	3.5	47
35	Estrogen and Bisphenol A in Hypertension. Current Hypertension Reports, 2020, 22, 23.	3.5	43
36	Dysfunctional cerebrovascular tone contributes to cognitive impairment in a non-obese rat model of prediabetic challenge: Role of suppression of autophagy and modulation by anti-diabetic drugs. Biochemical Pharmacology, 2020, 178, 114041.	4.4	27

#	Article	IF	Citations
37	Expanding the anticancer potential of 1,2,3-triazoles via simultaneously targeting Cyclooxygenase-2, 15-lipoxygenase and tumor-associated carbonic anhydrases. European Journal of Medicinal Chemistry, 2020, 200, 112439.	5.5	40
38	Sex-based differences in myocardial infarction-induced kidney damage following cigarette smoking exposure: more renal protection in premenopausal female mice. Bioscience Reports, 2020, 40, .	2.4	5
39	Targeting perivascular and epicardial adipose tissue inflammation: therapeutic opportunities for cardiovascular disease. Clinical Science, 2020, 134, 827-851.	4.3	43
40	Therapeutic fasting mitigates metabolic and cardiovascular dysfunction in a prediabetic rat model: Possible role of adipose inflammation. FASEB Journal, 2020, 34, 1-1.	0.5	3
41	Periâ€renal Adipose Tissue Inflammation Possibly Underlies Mild Renal Dysfunction in Early Metabolic Challenge. FASEB Journal, 2020, 34, 1-1.	0.5	1
42	Cardiac Autonomic Neuropathy and Hemodynamic Dysfunction as a Consequence of Mild Hypercaloric Intake: Modification by Phosphate Supplementation. FASEB Journal, 2020, 34, 1-1.	0.5	0
43	Adipose biology, cardiovascular, and cardiometabolic disease: novel insights and new targets for intervention. Clinical Science, 2020, 134, 1473-1474.	4.3	1
44	Worsening Cardiac Autonomic Neuropathy on Progression to Type 2 Diabetes: Localized vs. Systemic Inflammation. FASEB Journal, 2020, 34, 1-1.	0.5	0
45	A novel series of nitrofuran derivatives produces an antiâ€tumor effect via a p53â€dependent mechanism. FASEB Journal, 2020, 34, 1-1.	0.5	1
46	Antimicrobial Therapeutic Drug Monitoring. Frontiers in Anti-infective Agents, 2020, , 263-297.	0.0	0
47	Amelioration of perivascular adipose inflammation reverses vascular dysfunction in a model of nonobese prediabetic metabolic challenge: potential role of antidiabetic drugs. Translational Research, 2019, 214, 121-143.	5.0	27
48	Impaired Endothelium-Dependent Hyperpolarization Underlies Endothelial Dysfunction during Early Metabolic Challenge: Increased ROS Generation and Possible Interference with NO Function. Journal of Pharmacology and Experimental Therapeutics, 2019, 371, 567-582.	2.5	20
49	Impaired cross-talk between NO and hyperpolarization in myoendothelial feedback: a novel therapeutic target in early endothelial dysfunction of metabolic disease. Current Opinion in Pharmacology, 2019, 45, 33-41.	3.5	9
50	Flavonoids in hypertension: a brief review of the underlying mechanisms. Current Opinion in Pharmacology, 2019, 45, 57-65.	3.5	142
51	MicroRNAs as Potential Pharmaco-targets in Ischemia-Reperfusion Injury Compounded by Diabetes. Cells, 2019, 8, 152.	4.1	41
52	Tackling neuroinflammation and cholinergic deficit in Alzheimer's disease: Multi-target inhibitors of cholinesterases, cyclooxygenase-2 and 15-lipoxygenase. European Journal of Medicinal Chemistry, 2019, 167, 161-186.	5.5	78
53	Shooting three inflammatory targets with a single bullet: Novel multi-targeting anti-inflammatory glitazones. European Journal of Medicinal Chemistry, 2019, 167, 562-582.	5.5	33
54	Application of HPTLC, spectrofluorimetry and differential pulse voltammetry for determination of the antifungal drug posaconazole in suspension dosage form. Annales Pharmaceutiques Francaises, 2019, 77, 382-393.	1.0	3

#	Article	IF	Citations
55	A novel HPLC-DAD method for simultaneous determination of febuxostat and diclofenac in biological samples: pharmacokinetic outcomes. Bioanalysis, 2019, 11, 41-54.	1.5	15
56	The role of Î±2â€adrenergic receptors in hypertensive preeclampsia: A hypothesis. Microcirculation, 2019, 26, e12511.	1.8	5
57	Progressive Hemodynamic and Cardiac Autonomic Impairment as a Function of Metabolic State: Local Adipose vs. Systemic Inflammation. FASEB Journal, 2019, 33, 514.10.	0.5	0
58	Mild Hypercaloric Intake is Associated with an Impaired Vascular Smooth Muscle Phenotype in Absence of Hyperglycemia: Potential Modulation by Antiâ€diabetic Drugs. FASEB Journal, 2019, 33, 512.9.	0.5	0
59	A Possible Role of Perivascular Adipocyte Stress in Cardiovascular Dysfunction Prior to the Onset of Diabetes. FASEB Journal, 2019, 33, 512.10.	0.5	0
60	Metabolic Stressâ€induced Renal Endothelial Dysfunction. FASEB Journal, 2019, 33, 512.12.	0.5	1
61	Metabolic Stress Leads to Neuroâ€inflammation and Mild Cognitive Impairment Prior to Development of Hyperglycemia: Role of Autophagy Suppression. FASEB Journal, 2019, 33, 501.13.	0.5	0
62	Novel click modifiable thioquinazolinones as anti-inflammatory agents: Design, synthesis, biological evaluation and docking study. European Journal of Medicinal Chemistry, 2018, 144, 635-650.	5.5	58
63	Direct cardiovascular impact of SGLT2 inhibitors: mechanisms and effects. Heart Failure Reviews, 2018, 23, 419-437.	3.9	79
64	Heme oxygenase byproducts variably influences myocardial and autonomic dysfunctions induced by the cyclosporine/diclofenac regimen in female rats. Biomedicine and Pharmacotherapy, 2018, 101, 889-897.	5.6	2
65	Cardiovascular and renal interactions between cyclosporine and NSAIDs: Underlying mechanisms and clinical relevance. Pharmacological Research, 2018, 129, 251-261.	7.1	17
66	Estrogen in vascular smooth muscle cells: A friend or a foe?. Vascular Pharmacology, 2018, 111, 15-21.	2.1	28
67	Cardiac Autonomic Neuropathy as a Result of Mild Hypercaloric Challenge in Absence of Signs of Diabetes: Modulation by Antidiabetic Drugs. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-19.	4.0	23
68	The march of pluripotent stem cells in cardiovascular regenerative medicine. Stem Cell Research and Therapy, 2018, 9, 201.	5.5	32
69	Inositol 1,4,5-Trisphosphate Receptors in Hypertension. Frontiers in Physiology, 2018, 9, 1018.	2.8	26
70	Comparative Randomized Crossover Clinical Study for the Evaluation of Erectile Dysfunction Medications Via Novel Pentagon System. Current Drug Safety, 2018, 13, 12-20.	0.6	1
71	Endothelial Dysfunction as a result of Hypercaloric Intake: Underlying Mechanism in Absence of Hyperglycemia. FASEB Journal, 2018, 32, 837.2.	0.5	0
72	Influence of Cigarette Smoking on Myocardial Infarction Induced Renal Damage. FASEB Journal, 2018, 32, 679.7.	0.5	0

#	Article	IF	Citations
73	Mild hyperâ€caloric intake is associated with periâ€vascular adipose inflammation and vascular dysfunction: modulation by antidiabetic drugs. FASEB Journal, 2018, 32, 569.11.	0.5	1
74	Abstract P331: Transition From Pre-Diabetes To Diabetes Is Associated With Worsening Of Cardiac Autonomic Neuropathy: Reversal By Anti-Diabetic Drugs. Hypertension, 2018, 72, .	2.7	0
75	Opposite Modulatory Effects of Selective and Nonâ€Selective Cyclooxygenase Inhibition on Cardiovascular and Autonomic Consequences of Cyclosporine in Female Rats. Basic and Clinical Pharmacology and Toxicology, 2017, 120, 571-581.	2.5	8
76	Modulation by NADPH oxidase of the chronic cardiovascular and autonomic interaction between cyclosporine and NSAIDs in female rats. European Journal of Pharmacology, 2017, 806, 96-104.	3.5	12
77	Role of NADPHox/Rho-kinase signaling in the cyclosporine-NSAIDs interactions on blood pressure and baroreflexes in female rats. Life Sciences, 2017, 185, 15-22.	4.3	11
78	Hyperlipidemia Alters the Pharmacokinetics of Posaconazole and Vincristine Upon Co-Administration in Rats. Drugs in R and D, 2017, 17, 287-296.	2.2	9
79	ROK and Arteriolar Myogenic Tone Generation: Molecular Evidence in Health and Disease. Frontiers in Pharmacology, 2017, 08, 87.	3.5	20
80	Ziziphus nummularia Inhibits Inflammation-Induced Atherogenic Phenotype of Human Aortic Smooth Muscle Cells. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	4.0	23
81	The effect of increased lipoproteins levels on the disposition of vincristine in rat. Lipids in Health and Disease, 2016, 15, 152.	3.0	8
82	The effect of hyperlipidemia on the pharmacokinetics, hepatic and pulmonary uptake of posaconazole in rat. European Journal of Pharmaceutical Sciences, 2016, 91, 190-195.	4.0	11
83	High Performance Liquid Chromatographic Assay for the Simultaneous Determination of Posaconazole and Vincristine in Rat Plasma. International Journal of Analytical Chemistry, 2015, 2015, 1-6.	1.0	6
84	Male enhancement Nutraceuticals in the Middle East market: Claim, pharmaceutical quality and safety assessments. International Journal of Pharmaceutics, 2015, 492, 109-119.	5.2	20
85	PKC-mediated cerebral vasoconstriction: Role of myosin light chain phosphorylation versus actin cytoskeleton reorganization. Biochemical Pharmacology, 2015, 95, 263-278.	4.4	34
86	Divergent Effects for Celecoxib and Diclofenac on Hemodynamic and Left Ventricular Actions of Cyclosporine in Female Rats. FASEB Journal, 2015, 29, .	0.5	0
87	Cytoskeletal Reorganization Evoked by Rho-associated kinase- and Protein Kinase C-catalyzed Phosphorylation of Cofilin and Heat Shock Protein 27, Respectively, Contributes to Myogenic Constriction of Rat Cerebral Arteries. Journal of Biological Chemistry, 2014, 289, 20939-20952.	3.4	48
88	Ca²⁺ sensitization due to myosin light chain phosphatase inhibition and cytoskeletal reorganization in the myogenic response of skeletal muscle resistance arteries. Journal of Physiology, 2013, 591, 1235-1250.	2.9	65
89	Intravascular Pressure Augments Cerebral Arterial Constriction by Inducing Voltageâ€Insensitive Ca2+ Waves. FASEB Journal, 2011, 25, .	0.5	0
90	Pressure-dependent contribution of Rho kinase-mediated calcium sensitization in serotonin-evoked vasoconstriction of rat cerebral arteries. Journal of Physiology, 2010, 588, 1747-1762.	2.9	53

#	Article	IF	Citations
91	Intravascular pressure augments cerebral arterial constriction by inducing voltage-insensitive Ca²⁺waves. Journal of Physiology, 2010, 588, 3983-4005.	2.9	55
92	Stromatoxinâ€sensitive, heteromultimeric Kv2.1/Kv9.3 channels contribute to myogenic control of cerebral arterial diameter. Journal of Physiology, 2010, 588, 4519-4537.	2.9	52
93	Extraction of membrane cholesterol disrupts caveolae and impairs serotonergic (5-HT_{2A}) and histaminergic (H₁) responses in bovine airway smooth muscle: role of Rho-kinase. Canadian Journal of Physiology and Pharmacology, 2009, 87, 180-195.	1.4	26
94	Identification and Functional Characterization of Protein Kinase A-catalyzed Phosphorylation of Potassium Channel Kv1.2 at Serine 449. Journal of Biological Chemistry, 2009, 284, 16562-16574.	3.4	24
95	The role of caveolae and caveolin 1 in calcium handling in pacing and contraction of mouse intestine. Journal of Cellular and Molecular Medicine, 2009, 13, 352-364.	3.6	23
96	Ca²⁺ sensitization via phosphorylation of myosin phosphatase targeting subunit at threonineâ€855 by Rho kinase contributes to the arterial myogenic response. Journal of Physiology, 2009, 587, 2537-2553.	2.9	101
97	Molecular evidence for the involvement of calcium sensitization in serotoninâ€induced cerebrovascular constriction. FASEB Journal, 2009, 23, 931.1.	0.5	0
98	Calcium extrusion by plasma membrane calcium pump is impaired in caveolin-1 knockout mouse small intestine. European Journal of Pharmacology, 2008, 591, 80-87.	3.5	29
99	Smooth muscle NOS, colocalized with caveolinâ€1, modulates contraction in mouse small intestine. Journal of Cellular and Molecular Medicine, 2008, 12, 1404-1415.	3.6	20
100	Calcium extrusion by plasma membrane calcium pump is impaired in absence of intact caveolae. FASEB Journal, 2008, 22, 916.8.	0.5	1
101	Do gap junctions play a role in nerve transmissions as well as pacing in mouse intestine?. American Journal of Physiology - Renal Physiology, 2007, 292, G734-G745.	3.4	25
102	Caveolin-1 inhibits matrix metalloproteinase-2 activity in the heart. Journal of Molecular and Cellular Cardiology, 2007, 42, 896-901.	1.9	68
103	Regulation of matrix metalloproteinase-2 in the heart by caveolin-1. Journal of Molecular and Cellular Cardiology, 2007, 42, S117.	1.9	0
104	Differential inhibitory control of circular and longitudinal smooth muscle layers of Balb/C mouse small intestine. Autonomic Neuroscience: Basic and Clinical, 2007, 131, 36-44.	2.8	10
105	Smooth muscle nitric oxide synthase, coâ€localized with caveolinâ€1, modulates contraction in mouse small intestine. FASEB Journal, 2007, 21, A808.	0.5	0
106	Caveolae and calcium handling, a review and a hypothesis. Journal of Cellular and Molecular Medicine, 2006, 10, 529-544.	3.6	71
107	Impact of caveolin-1 knockout on NANC relaxation in circular muscles of the mouse small intestine compared with longitudinal muscles. American Journal of Physiology - Renal Physiology, 2006, 290, G394-G403.	3.4	12
108	Caveolin-1 knockout alters Î²-adrenoceptors function in mouse small intestine. American Journal of Physiology - Renal Physiology, 2006, 291, G1020-G1030.	3.4	12

#	Article	IF	Citations
109	Caveolin-1 gene knockout impairs nitrergic function in mouse small intestine. British Journal of Pharmacology, 2005, 145, 1017-1026.	5.4	20
110	Predictive Capacity of Beat-to-Beat Blood Pressure Variability for Cardioautonomic and Vascular Dysfunction in Early Metabolic Challenge. Frontiers in Pharmacology, 0, 13, .	3.5	2