

Adrian Sturza

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

689
citations

623734

14
h-index

580821

25
g-index

39
all docs

39
docs citations

39
times ranked

1072
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Mitochondrial Reactive Oxygen Species in Cardiovascular Injury and Protective Strategies. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-19.	4.0	91
2	Monoamine Oxidases Are Mediators of Endothelial Dysfunction in the Mouse Aorta. <i>Hypertension</i> , 2013, 62, 140-146.	2.7	78
3	Monoamine Oxidase-Related Vascular Oxidative Stress in Diseases Associated with Inflammatory Burden. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-8.	4.0	52
4	Monoamine oxidases are novel sources of cardiovascular oxidative stress in experimental diabetes. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 555-561.	1.4	51
5	Leptin Potentiates Endothelium-Dependent Relaxation by Inducing Endothelial Expression of Neuronal NO Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1605-1612.	2.4	49
6	Assessment of Mitochondrial Dysfunction and Monoamine Oxidase Contribution to Oxidative Stress in Human Diabetic Hearts. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	4.0	45
7	Assessment of Platelet Respiration as Emerging Biomarker of Disease. <i>Physiological Research</i> , 2019, 68, 347-363.	0.9	33
8	Monoamine oxidase inhibition improves vascular function in mammary arteries from nondiabetic and diabetic patients with coronary heart disease. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 1040-1047.	1.4	27
9	Identification of Resveratrol as Bioactive Compound of Propolis from Western Romania and Characterization of Phenolic Profile and Antioxidant Activity of Ethanolic Extracts. <i>Molecules</i> , 2019, 24, 3368.	3.8	26
10	Quercetin exerts an inhibitory effect on cellular bioenergetics of the B164A5 murine melanoma cell line. <i>Molecular and Cellular Biochemistry</i> , 2018, 447, 103-109.	3.1	25
11	Monoamine oxidase is a source of oxidative stress in obese patients with chronic inflammation. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 844-849.	1.4	21
12	Methylene blue improves mitochondrial respiration and decreases oxidative stress in a substrate-dependent manner in diabetic rat hearts. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 1376-1382.	1.4	17
13	Vitamin D alleviates oxidative stress in adipose tissue and mesenteric vessels from obese patients with subclinical inflammation. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 85-92.	1.4	16
14	The effect of purinergic signaling via the P2Y11 receptor on vascular function in a rat model of acute inflammation. <i>Molecular and Cellular Biochemistry</i> , 2017, 431, 37-44.	3.1	15
15	Monoamine Oxidases as Potential Contributors to Oxidative Stress in Diabetes: Time for a Study in Patients Undergoing Heart Surgery. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	14
16	Vitamin D improves vascular function and decreases monoamine oxidase A expression in experimental diabetes. <i>Molecular and Cellular Biochemistry</i> , 2019, 453, 33-40.	3.1	14
17	Metformin alleviates monoamine oxidase-related vascular oxidative stress and endothelial dysfunction in rats with diet-induced obesity. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4019-4029.	3.1	13
18	Monoamine oxidase inhibition improves vascular function and reduces oxidative stress in rats with lipopolysaccharide-induced inflammation. <i>General Physiology and Biophysics</i> , 2018, 37, 687-694.	0.9	12

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19	Impact of Dietary Restriction Regimens on Mitochondria, Heart, and Endothelial Function: A Brief Overview. <i>Frontiers in Physiology</i> , 2021, 12, 768383.	2.8	11
20	Improvement of Platelet Respiration by Cell-Permeable Succinate in Diabetic Patients Treated with Statins. <i>Life</i> , 2021, 11, 288.	2.4	10
21	Monoamine oxidase is a source of cardiac oxidative stress in obese rats: the beneficial role of metformin. <i>Molecular and Cellular Biochemistry</i> , 2023, 478, 59-67.	3.1	10
22	Modulation of Cancer Metabolism by Phytochemicals - A Brief Overview. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 684-692.	1.7	9
23	Modulation of mitochondrial respiratory function and ROS production by novel benzopyran analogues. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 811-818.	1.4	8
24	Contribution of monoamine oxidases to vascular oxidative stress in patients with end-stage renal disease requiring hemodialysis. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 1383-1388.	1.4	7
25	Acute inhibition of monoamine oxidase and ischemic preconditioning in isolated rat hearts: interference with postischemic functional recovery but no effect on infarct size reduction. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 819-825.	1.4	6
26	Methylene blue alleviates endothelial dysfunction and reduces oxidative stress in aortas from diabetic rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 1012-1016.	1.4	6
27	Metabolic therapy: cardioprotective effects of orotic acid and its derivatives. <i>Biomedical Reviews</i> , 2014, 21, 47.	0.6	6
28	P2Y11 Agonism Prevents Hypoxia/Reoxygenation- and Angiotensin II-Induced Vascular Dysfunction and Intimal Hyperplasia Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 855.	4.1	5
29	Placental oxidative stress and monoamine oxidase expression are increased in severe preeclampsia: a pilot study. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 2851-2861.	3.1	4
30	Late Complications after Alcohol Septal Ablation in a Patient with Hypertrophic Obstructive Cardiomyopathy. <i>Timisoara Medical Journal</i> , 2021, 2020, 1.	0.0	0
31	Metabolic Memory in Diabetes - Mechanistic Insights and the Impact of Cardiovascular Medication. <i>Revista Romana De Cardiologie</i> , 2021, 31, 511-516.	0.1	0
32	Endothelial Dysfunction in Diabetes - Classic Sources of Vascular Oxidative Stress (Nadph Oxidases, Tj ETQq0 0 0 rgBT /Overlock 10 T Diseases, 2013, 20, 149-155.	0.3	0
33	Angiotensin-Converting-Enzyme 2 and SARS-CoV2: A Dangerous Liaison. <i>Timisoara Medical Journal</i> , 2020, 2020, 1.	0.0	0
34	Metabolomics in Chronic Kidney Diseases: Here to Stay. <i>Timisoara Medical Journal</i> , 2021, 2020, 1.	0.0	0