

Siva Sankara Vara Prasad Sakamuri

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

827
citations

566801

15
h-index

676716

22
g-index

31
all docs

31
docs citations

31
times ranked

1516
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin II stimulates cardiac fibroblast migration via the differential regulation of matrixins and RECK. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 65, 9-18.	0.9	95
2	Extracellular Matrix Communication and Turnover in Cardiac Physiology and Pathology. , 2015, 5, 687-719.		93
3	Angiotensin II enhances AT ₁ -Nox1 binding and stimulates arterial smooth muscle cell migration and proliferation through AT ₁ , Nox1, and interleukin-18. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H282-H296.	1.5	86
4	Divergent Roles of Matrix Metalloproteinase 2 in Pathogenesis of Thoracic Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 888-898.	1.1	84
5	Distinct fate, dynamics and niches of renal macrophages of bone marrow or embryonic origins. <i>Nature Communications</i> , 2020, 11, 2280.	5.8	62
6	A novel high-throughput assay for respiration in isolated brain microvessels reveals impaired mitochondrial function in the aged mice. <i>GeroScience</i> , 2018, 40, 365-375.	2.1	54
7	Differential impact of mechanical unloading on structural and nonstructural components of the extracellular matrix in advanced human heart failure. <i>Translational Research</i> , 2016, 172, 30-44.	2.2	39
8	Measurement of respiratory function in isolated cardiac mitochondria using Seahorse XFe24 Analyzer: applications for aging research. <i>GeroScience</i> , 2018, 40, 347-356.	2.1	38
9	Docosahexaenoic acid reverses angiotensin II-induced RECK suppression and cardiac fibroblast migration. <i>Cellular Signalling</i> , 2014, 26, 933-941.	1.7	37
10	Acetylsalicylic Acid Inhibits IL-18-Induced Cardiac Fibroblast Migration Through the Induction of RECK. <i>Journal of Cellular Physiology</i> , 2014, 229, 845-855.	2.0	33
11	TRAF3IP2 mediates interleukin-18-induced cardiac fibroblast migration and differentiation. <i>Cellular Signalling</i> , 2013, 25, 2176-2184.	1.7	27
12	Absence of Tissue Inhibitor of Metalloproteinase-4 (TIMP4) ameliorates high fat diet-induced obesity in mice due to defective lipid absorption. <i>Scientific Reports</i> , 2017, 7, 6210.	1.6	27
13	Carbenoxolone Treatment Ameliorated Metabolic Syndrome in WNIN/Ob Obese Rats, but Induced Severe Fat Loss and Glucose Intolerance in Lean Rats. <i>PLoS ONE</i> , 2012, 7, e50216.	1.1	26
14	TRAF3IP2 mediates aldosterone/salt-induced cardiac hypertrophy and fibrosis. <i>Molecular and Cellular Endocrinology</i> , 2016, 429, 84-92.	1.6	23
15	Glycolytic and Oxidative Phosphorylation Defects Precede the Development of Senescence in Primary Human Brain Microvascular Endothelial Cells. <i>GeroScience</i> , 2022, 44, 1975-1994.	2.1	19
16	Cardiac-restricted Overexpression of TRAF3 Interacting Protein 2 (TRAF3IP2) Results in Spontaneous Development of Myocardial Hypertrophy, Fibrosis, and Dysfunction. <i>Journal of Biological Chemistry</i> , 2016, 291, 19425-19436.	1.6	18
17	Nitric oxide synthase inhibitors negatively regulate respiration in isolated rodent cardiac and brain mitochondria. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H295-H300.	1.5	17
18	TRAF3IP2 mediates atherosclerotic plaque development and vulnerability in ApoE ^{-/-} mice. <i>Atherosclerosis</i> , 2016, 252, 153-160.	0.4	14

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19	Transient Decrease in Circulatory Testosterone and Homocysteine Precedes the Development of Metabolic Syndrome Features in Fructose-Fed Sprague Dawley Rats. <i>Journal of Nutrition and Metabolism</i> , 2016, 2016, 1-11.	0.7	10
20	Measuring Respiration in Isolated Murine Brain Mitochondria: Implications for Mechanistic Stroke Studies. <i>NeuroMolecular Medicine</i> , 2019, 21, 493-504.	1.8	9
21	Peroxynitrite decomposition catalyst enhances respiratory function in isolated brain mitochondria. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H630-H641.	1.5	7
22	Diets with low n-6:n-3 PUFA ratio protects rats from fructose-induced dyslipidemia and associated hepatic changes: Comparison between 18:3 n-3 and long-chain n-3 PUFA. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 155, 102082.	1.0	6
23	Transcriptome profiling of visceral adipose tissue in a novel obese rat model, WNIN/Ob & its comparison with other animal models. <i>Indian Journal of Medical Research</i> , 2016, 144, 409.	0.4	3
24	Abstract 19428: TRAF3IP2 Mediates Aldosterone-induced Cardiac Hypertrophy and Fibrosis. <i>Circulation</i> , 2014, 130, .	1.6	0
25	Hyperglycemia impairs mitochondrial respiration in human brain microvascular endothelial cells. <i>FASEB Journal</i> , 2019, 33, 529.1.	0.2	0
26	Peroxynitrite induces depolarization and impairments of respiration in isolated murine brain mitochondria. <i>FASEB Journal</i> , 2019, 33, 850.10.	0.2	0
27	Arginase exhibits negative regulation of respiration in isolated murine cardiac mitochondria independent of mitochondrial nitric oxide synthase. <i>FASEB Journal</i> , 2019, 33, 531.20.	0.2	0
28	Effect of NOS inhibition on mitochondrial function in Brain Microvascular endothelial cells under normoxia and oxygen-glucose deprivation-reoxygenation (OGD). <i>FASEB Journal</i> , 2019, 33, 524.6.	0.2	0
29	Acute Hypoglycemia Induces Mitochondrial Dysfunction in the Isolated Brain Microvessels: Possible Role of Endothelial Nitric Oxide Synthase. <i>FASEB Journal</i> , 2019, 33, 830.11.	0.2	0
30	Energy Deficit Phenotype of Cerebral Microvascular Network in the Aged Brains. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
31	Effect of peroxynitrite scavenger on brain microvascular nitrotyrosination and S-nitrosylation. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0