

Arun Samidurai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4962183/publications.pdf>

Version: 2024-02-01

34
papers

848
citations

623188

14
h-index

610482

24
g-index

34
all docs

34
docs citations

34
times ranked

1582
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-tumor Effect of Embryonic Stem Cell Derived Exosomes in Triple Negative Breast Cancer: Potential Role of TCF7 β -Cadherin and VEGF. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
2	Preclinical model of type 1 diabetes and myocardial ischemia/reperfusion injury in conscious rabbits—demonstration of cardioprotection with rapamycin. <i>STAR Protocols</i> , 2021, 2, 100772.	0.5	7
3	Role of phosphodiesterase 1 in the pathophysiology of diseases and potential therapeutic opportunities. , 2021, 226, 107858.		18
4	STAT3-miR-17/20 signalling axis plays a critical role in attenuating myocardial infarction following rapamycin treatment in diabetic mice. <i>Cardiovascular Research</i> , 2020, 116, 2103-2115.	1.8	21
5	Endoplasmic reticulum stress-mediated mitochondrial dysfunction in aged hearts. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165899.	1.8	41
6	Cardiovascular Complications Associated with COVID-19 and Potential Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6790.	1.8	52
7	Reversal of Endothelial Extracellular Vesicle-Induced Smooth Muscle Phenotype Transition by Hypercholesterolemia Stimulation: Role of NLRP3 Inflammasome Activation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 597423.	1.8	14
8	Differential Regulation of mTOR Complexes with miR-302a Attenuates Myocardial Reperfusion Injury in Diabetes. <i>iScience</i> , 2020, 23, 101863.	1.9	10
9	PDE5 inhibitor sildenafil attenuates cardiac microRNA 214 upregulation and pro-apoptotic signaling after chronic alcohol ingestion in mice. <i>Molecular and Cellular Biochemistry</i> , 2020, 471, 189-201.	1.4	2
10	Abstract 17055: Novel Dual mTOR Inhibitor/AMPK Activator Mitigates Doxorubicin Cardiotoxicity and Potentiates Its Chemotherapeutic Efficacy Against Triple Negative Breast Cancer. <i>Circulation</i> , 2020, 142, .	1.6	0
11	Abstract 17414: Combination Therapy of Sildenafil and Rapamycin Alleviates Doxorubicin Induced Cardiotoxicity With Improvement of Skeletal Muscle Function. <i>Circulation</i> , 2020, 142, .	1.6	0
12	Mitochondrial Complex I Inhibition by Metformin Limits Reperfusion Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 282-290.	1.3	64
13	Remote Ischemic Pre-Conditioning Attenuates Adverse Cardiac Remodeling and Mortality Following Doxorubicin Administration in Mice. <i>JACC: CardioOncology</i> , 2019, 1, 221-234.	1.7	15
14	PDE1 Inhibition Attenuates Doxorubicin-Induced Toxicity in Primary Mouse Cardiomyocytes. <i>FASEB Journal</i> , 2019, 33, 817.12.	0.2	1
15	Embryonic Stem Cells Derived Exosomes Enhances Chemosensitivity of Doxorubicin in Breast Cancer Cells. <i>FASEB Journal</i> , 2019, 33, 646.7.	0.2	1
16	Abstract 486: Deficiency of Myocardial miR-17-92 Cluster Exacerbates Ischemic Injury in Diabetic Mice. <i>Circulation Research</i> , 2019, 125, .	2.0	0
17	Emerging Role of mTOR Signaling-Related miRNAs in Cardiovascular Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-23.	1.9	32
18	Deciphering Non-coding RNAs in Cardiovascular Health and Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 73.	1.1	44

#	ARTICLE	IF	CITATIONS
19	Postconditioning Effect of PDE5 inhibitor, Sildenafil in Normal and Diabetic Rabbits following Myocardial Ischemia/Reperfusion injury.. FASEB Journal, 2018, 32, 580.16.	0.2	1
20	Rapamycin Alters MicroRNA Signature Profile in Diabetic Rabbit following Myocardial Ischemia Reperfusion Injury: A Preclinical Approach for Cardioprotection.. FASEB Journal, 2018, 32, 717.24.	0.2	0
21	Chronic treatment with novel nanoformulated micelles of rapamycin, Rapatar, protects diabetic heart against ischaemia/reperfusion injury. British Journal of Pharmacology, 2017, 174, 4771-4784.	2.7	18
22	Reperfusion Therapy with Rapamycin Attenuates Myocardial Infarction through Activation of AKT and ERK. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-16.	1.9	41
23	Right ventricular outflow tract assessment: Identification of right ventricle dysfunction in heart failure. Indian Heart Journal, 2016, 68, S5-S7.	0.2	1
24	Hydrogen sulfide mediates the cardioprotective effects of gene therapy with PKG-1 β . Basic Research in Cardiology, 2015, 110, 42.	2.5	22
25	Preconditioning of the Heart Following Transmyocardial Revascularization. , 2015, , 305-310.		0
26	PDE5 Inhibition with Sildenafil Blocks Induction of Carboxylesterase3 and Reduces Cell Necrosis and Autophagy in Acute Alcohol-Induced Injury in Heart. FASEB Journal, 2015, 29, 896.14.	0.2	0
27	Acute Alcohol Treatment and Cardiac Dysfunction in Obese Diabetic Mice: Role of PDE5 and MicroRNA-21. FASEB Journal, 2015, 29, 1020.9.	0.2	0
28	Nuclear Localization of Vascular Endothelial Growth Factor-D and Regulation of c-Myc-Dependent Transcripts in Human Lung Fibroblasts. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 34-42.	1.4	12
29	Induction of MicroRNA-21 With Exogenous Hydrogen Sulfide Attenuates Myocardial Ischemic and Inflammatory Injury in Mice. Circulation: Cardiovascular Genetics, 2014, 7, 311-320.	5.1	97
30	mTOR inhibition protects diabetic heart against ischemia/reperfusion injury through STAT3 activation (1078.5). FASEB Journal, 2014, 28, .	0.2	0
31	Cinaciguat, a novel activator of soluble guanylate cyclase, protects against ischemia/reperfusion injury: role of hydrogen sulfide. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1347-H1354.	1.5	62
32	Characterization of a murine model of monocrotaline pyrrole-induced acute lung injury. BMC Pulmonary Medicine, 2008, 8, 25.	0.8	36
33	Phosphodiesterase 1 Upregulation in Pulmonary Arterial Hypertension. Circulation, 2007, 115, 2331-2339.	1.6	139
34	Antiremodeling Effects of Iloprost and the Dual-Selective Phosphodiesterase 3/4 Inhibitor Tolafentrine in Chronic Experimental Pulmonary Hypertension. Circulation Research, 2004, 94, 1101-1108.	2.0	97