

Shyam Sundar Nandi

List of Publications by Year in descending order

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36
papers

636
citations

623188

14
h-index

610482

24
g-index

38
all docs

38
docs citations

38
times ranked

1110
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetic Cardiomyopathy: An Immunometabolic Perspective. <i>Frontiers in Endocrinology</i> , 2017, 8, 72.	1.5	60
2	Stem Cell-Derived Exosomes, Autophagy, Extracellular Matrix Turnover, and miRNAs in Cardiac Regeneration during Stem Cell Therapy. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 79-91.	5.6	56
3	H ₂ S and homocysteine control a novel feedback regulation of cystathionine beta synthase and cystathionine gamma lyase in cardiomyocytes. <i>Scientific Reports</i> , 2017, 7, 3639.	1.6	53
4	Lack of miR-133a Decreases Contractility of Diabetic Hearts: A Role for Novel Cross Talk Between Tyrosine Aminotransferase and Tyrosine Hydroxylase. <i>Diabetes</i> , 2016, 65, 3075-3090.	0.3	47
5	Induction of autophagy markers is associated with attenuation of miR-133a in diabetic heart failure patients undergoing mechanical unloading. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 683-96.	0.0	39
6	MMP9 inhibition increases autophagic flux in chronic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H1414-H1437.	1.5	35
7	Enhanced Expression and Function of Renal SGLT2 (Sodium-Glucose Cotransporter 2) in Heart Failure: Role of Renal Nerves. <i>Circulation: Heart Failure</i> , 2021, 14, CIRCHEARTFAILURE121008365.	1.6	30
8	Hydrogen sulfide mitigates homocysteine-mediated pathological remodeling by inducing miR-133a in cardiomyocytes. <i>Molecular and Cellular Biochemistry</i> , 2015, 404, 241-250.	1.4	29
9	Central Glucagon-like Peptide-1 Receptor Signaling via Brainstem Catecholamine Neurons Counteracts Hypertension in Spontaneously Hypertensive Rats. <i>Scientific Reports</i> , 2019, 9, 12986.	1.6	25
10	MiR-133a Mimic Alleviates T1DM-Induced Systolic Dysfunction in Akita: An MRI-Based Study. <i>Frontiers in Physiology</i> , 2018, 9, 1275.	1.3	21
11	Ablation of Matrix Metalloproteinase-9 Prevents Cardiomyocytes Contractile Dysfunction in Diabetics. <i>Frontiers in Physiology</i> , 2016, 7, 93.	1.3	19
12	Central Ang II (Angiotensin II)-Mediated Sympathoexcitation. <i>Hypertension</i> , 2021, 77, 147-157.	1.3	19
13	GLP-1 mediated diuresis and natriuresis are blunted in heart failure and restored by selective afferent renal denervation. <i>Cardiovascular Diabetology</i> , 2020, 19, 57.	2.7	18
14	A novel role for miR-133a in centrally mediated activation of the renin-angiotensin system in congestive heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H968-H979.	1.5	17
15	Targeting miRNA for Therapy of Juvenile and Adult Diabetic Cardiomyopathy. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1056, 47-59.	0.8	15
16	Aspirin and Low-Molecular Weight Heparin Combination Therapy Effectively Prevents Recurrent Miscarriage in Hyperhomocysteinemic Women. <i>PLoS ONE</i> , 2013, 8, e74155.	1.1	15
17	Expression of PITX2 Homeodomain Transcription Factor during Rat Gonadal Development in a Sexually Dimorphic Manner. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 159-170.	1.1	14
18	Does glucagon-like peptide-1 induce diuresis and natriuresis by modulating afferent renal nerve activity?. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F1010-F1021.	1.3	14

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19	Epitope Mapping of SERCA2a Identifies an Antigenic Determinant That Induces Mainly Atrial Myocarditis in A/J Mice. <i>Journal of Immunology</i> , 2018, 200, 523-537.	0.4	13
20	Harnessing fetal and adult genetic reprogramming for therapy of heart disease. <i>Journal of Nature and Science</i> , 2015, 1, .	1.1	11
21	Involvement of Pitx2, a Homeodomain Transcription Factor, in Hypothyroidism Associated Reproductive Disorders. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 887-898.	1.1	10
22	Generating Double Knockout Mice to Model Genetic Intervention for Diabetic Cardiomyopathy in Humans. <i>Methods in Molecular Biology</i> , 2014, 1194, 385-400.	0.4	10
23	Neurogenic Hypertension Mediated Mitochondrial Abnormality Leads to Cardiomyopathy: Contribution of UPRmt and Norepinephrine-miR-18a-5p-HIF-1 α Axis. <i>Frontiers in Physiology</i> , 2021, 12, 718982.	1.3	7
24	Assay for identification of heterozygous single-nucleotide polymorphism (Ala67Thr) in human poliovirus receptor gene. <i>Indian Journal of Medical Research</i> , 2016, 144, 38.	0.4	3
25	Abstract 15288: Mitochondrial Injury in Cardiomyopathy of Neurogenic Hypertension: Role of MiR-18a-5p/HIF-1 α Axis. <i>Circulation</i> , 2020, 142, .	1.6	3
26	POSTER VIEWING SESSION - REPRODUCTIVE ENDOCRINOLOGY. <i>Human Reproduction</i> , 2011, 26, i296-i336.	0.4	2
27	Decreased Mitochondrial Unfolded Protein Response (UPRmt) in HFpEF. <i>FASEB Journal</i> , 2022, 36, .	0.2	2
28	Role of the Renal Nerves in Regulating SGLT2 inhibitor-induced Diuresis and Natriuresis in rats with Heart Failure. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	1
29	MiR-133a Mitigates Mitophagy in Ins2 +/Δ Diabetic Heart. <i>FASEB Journal</i> , 2015, 29, 1040.1.	0.2	0
30	Cardiac-specific Overexpression of MiR-133a in the Diabetic Heart Mitigates Mitochondrial Abnormality by Targeting TIM17A. <i>FASEB Journal</i> , 2018, 32, 752.5.	0.2	0
31	Role of the Neurogenic Signaling on Cardiac miR-18a-5p/HIF-1 α Axis to Enhance Mitochondrial Abnormality in Neurogenic Hypertension. <i>FASEB Journal</i> , 2019, 33, 532.1.	0.2	0
32	Role of the renal nerves in regulating GLP-1 mediated diuresis and natriuresis in rats with heart failure. <i>FASEB Journal</i> , 2019, 33, 857.1.	0.2	0
33	MMP9 inhibition increases autophagic flux in chronic heart failure. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
34	Neuronal Nitric Oxide Synthase Associated Protein: Nos1ap mediates Sympathoexcitation through Paraventricular Nucleus of the Hypothalamus. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
35	Abstract MP49: Central Angiotensin II Mediates Neurogenic Hypertension Through Hif1-Alpha/NMDAR Axis In The Paraventricular Nucleus Of The Hypothalamus (PVN). <i>Hypertension</i> , 2020, 76, .	1.3	0
36	Abstract 487: Cardiac Sympathetic Afferent Denervation Improves Cardiac Inflammation and Ameliorates Cardiac Remodeling in Post-MI Rats. <i>Hypertension</i> , 2014, 64, .	1.3	0