

Shyam Sundar Nandi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

394
citations

11
h-index

19
g-index

37
ext. papers

488
ext. citations

4.6
avg, IF

3.99
L-index

#	Paper	IF	Citations
33	Diabetic Cardiomyopathy: An Immunometabolic Perspective. <i>Frontiers in Endocrinology</i> , 2017 , 8, 72	5.7	48
32	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	6.4	46
31	HS and homocysteine control a novel feedback regulation of cystathionine beta synthase and cystathionine gamma lyase in cardiomyocytes. <i>Scientific Reports</i> , 2017 , 7, 3639	4.9	36
30	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, 3075-90	0.9	35
29	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	3	35
28	Hydrogen sulfide mitigates homocysteine-mediated pathological remodeling by inducing miR-133a in cardiomyocytes. <i>Molecular and Cellular Biochemistry</i> , 2015 , 404, 241-50	4.2	24
27	Ablation of Matrix Metalloproteinase-9 Prevents Cardiomyocytes Contractile Dysfunction in Diabetics. <i>Frontiers in Physiology</i> , 2016 , 7, 93	4.6	17
26	MiR-133a Mimic Alleviates T1DM-Induced Systolic Dysfunction in Akita: An MRI-Based Study. <i>Frontiers in Physiology</i> , 2018 , 9, 1275	4.6	16
25	Central Glucagon-like Peptide-1 Receptor Signaling via Brainstem Catecholamine Neurons Counteracts Hypertension in Spontaneously Hypertensive Rats. <i>Scientific Reports</i> , 2019 , 9, 12986	4.9	13
24	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	8.7	13
23	Harnessing fetal and adult genetic reprogramming for therapy of heart disease. <i>Journal of Nature and Science</i> , 2015 , 1,		11
22	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	5.2	10
21	Targeting miRNA for Therapy of Juvenile and Adult Diabetic Cardiomyopathy. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1056, 47-59	3.6	10
20	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	4.3	10
19	Expression of PITX2 homeodomain transcription factor during rat gonadal development in a sexually dimorphic manner. <i>Cellular Physiology and Biochemistry</i> , 2011 , 27, 159-70	3.9	10
18	MMP9 inhibition increases autophagic flux in chronic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H1414-H1437	5.2	9
17	Aspirin and low-molecular weight heparin combination therapy effectively prevents recurrent miscarriage in hyperhomocysteinemic women. <i>PLoS ONE</i> , 2013 , 8, e74155	3.7	8

16	Enhanced Expression and Function of Renal SGLT2 (Sodium-Glucose Cotransporter 2) in Heart Failure: Role of Renal Nerves. <i>Circulation: Heart Failure</i> , 2021 , CIRCHEARTFAILURE121008365	7.6	8
15	Generating double knockout mice to model genetic intervention for diabetic cardiomyopathy in humans. <i>Methods in Molecular Biology</i> , 2014 , 1194, 385-400	1.4	8
14	Central Ang II (Angiotensin II)-Mediated Sympathoexcitation: Role for HIF-1 α (Hypoxia-Inducible Factor-1 α) Facilitated Glutamatergic Tone in the Paraventricular Nucleus of the Hypothalamus. <i>Hypertension</i> , 2021 , 77, 147-157	8.5	8
13	Involvement of Pitx2, a homeodomain transcription factor, in hypothyroidism associated reproductive disorders. <i>Cellular Physiology and Biochemistry</i> , 2007 , 20, 887-98	3.9	7
12	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	5.3	7
11	POSTER VIEWING SESSION - REPRODUCTIVE ENDOCRINOLOGY. <i>Human Reproduction</i> , 2011 , 26, i296-i336	3.7	2
10	Assay for identification of heterozygous single-nucleotide polymorphism (Ala67Thr) in human poliovirus receptor gene. <i>Indian Journal of Medical Research</i> , 2016 , 144, 38-45	2.9	2
9	Abstract 15288: Mitochondrial Injury in Cardiomyopathy of Neurogenic Hypertension: Role of MiR-18a-5p/HIF-1 α Axis. <i>Circulation</i> , 2020 , 142,	16.7	1
8	Neurogenic Hypertension Mediated Mitochondrial Abnormality Leads to Cardiomyopathy: Contribution of UPR and Norepinephrine-miR- 18a-5p-HIF-1 α Axis.. <i>Frontiers in Physiology</i> , 2021 , 12, 718982	16	0
7	MMP9 inhibition increases autophagic flux in chronic heart failure. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
6	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	0.9	
5	Neuronal Nitric Oxide Synthase Associated Protein: Nos1ap mediates Sympathoexcitation through Paraventricular Nucleus of the Hypothalamus. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
4	Cardiac-specific Overexpression of MiR-133a in the Diabetic Heart Mitigates Mitochondrial Abnormality by Targeting TIM17A. <i>FASEB Journal</i> , 2018 , 32, 752.5	0.9	
3	Role of the Neurogenic Signaling on Cardiac miR-18-5p/HIF-1 α Axis to Enhance Mitochondrial Abnormality in Neurogenic Hypertension. <i>FASEB Journal</i> , 2019 , 33, 532.1	0.9	
2	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	0.9	
1	MiR-133a Mitigates Mitophagy in Ins2 $^{+/-}$ Diabetic Heart. <i>FASEB Journal</i> , 2015 , 29, 1040.1	0.9	