

Shathiyah Kulandavelu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

800
citations

759233

12
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

1301
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Nitric Oxide Synthase Deficiency Reduces Uterine Blood Flow, Spiral Artery Elongation, and Placental Oxygenation in Pregnant Mice. <i>Hypertension</i> , 2012, 60, 231-238.	2.7	125
2	Endothelial NO Synthase Augments Fetoplacental Blood Flow, Placental Vascularization, and Fetal Growth in Mice. <i>Hypertension</i> , 2013, 61, 259-266.	2.7	73
3	Embryonic and Neonatal Phenotyping of Genetically Engineered Mice. <i>ILAR Journal</i> , 2006, 47, 103-117.	1.8	69
4	Pim1 Kinase Overexpression Enhances ckit+ Cardiac Stem Cell Cardiac Repair Following Myocardial Infarction in Swine. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2454-2464.	2.8	69
5	Maternal cardiovascular changes during pregnancy and postpartum in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H918-H925.	3.2	68
6	3D Visualisation and Quantification by Microcomputed Tomography of Late Gestational Changes in the Arterial and Venous Feto-Placental Vasculature of the Mouse. <i>Placenta</i> , 2007, 28, 833-840.	1.5	62
7	Cardiovascular Function in Mice During Normal Pregnancy and in the Absence of Endothelial NO Synthase. <i>Hypertension</i> , 2006, 47, 1175-1182.	2.7	55
8	Regulation of oxygen delivery to the body via hypoxic vasodilation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6254-6255.	7.1	46
9	<i>S</i> Nitrosoglutathione Reductase Deficiency Enhances the Proliferative Expansion of Adult Heart Progenitors and Myocytes Post Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	43
10	Alterations of tumor microenvironment by nitric oxide impedes castration-resistant prostate cancer growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11298-11303.	7.1	38
11	Soluble Klotho, a biomarker and therapeutic strategy to reduce bronchopulmonary dysplasia and pulmonary hypertension in preterm infants. <i>Scientific Reports</i> , 2020, 10, 12368.	3.3	22
12	Endothelium-Independent Flow-Induced Dilation in the Mouse Carotid Artery. <i>Journal of Vascular Research</i> , 2006, 43, 383-391.	1.4	13
13	Effect of nitroso-redox imbalance on male reproduction. <i>Translational Andrology and Urology</i> , 2018, 7, 968-977.	1.4	13
14	Neonatal hyperoxia exposure induces aortic biomechanical alterations and cardiac dysfunction in juvenile rats. <i>Physiological Reports</i> , 2020, 8, e14334.	1.7	13
15	Mesenchymal Stem Cell-derived Extracellular Vesicles Prevent Experimental Bronchopulmonary Dysplasia Complicated By Pulmonary Hypertension. <i>Stem Cells Translational Medicine</i> , 2022, 11, 828-840.	3.3	13
16	Effects of Klotho supplementation on hyperoxia-induced renal injury in a rodent model of postnatal nephrogenesis. <i>Pediatric Research</i> , 2020, 88, 565-570.	2.3	11
17	Alterations in β ²³ -Adrenergic Cardiac Innervation and Nitric Oxide Signaling in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1988-1990.	2.8	10
18	S-Nitrosoglutathione Reductase (GSNOR) Deficiency Results in Secondary Hypogonadism. <i>Journal of Sexual Medicine</i> , 2018, 15, 654-661.	0.6	9

#	ARTICLE	IF	CITATIONS
19	Synthetic growth hormone-releasing hormone agonist ameliorates the myocardial pathophysiology characteristic of heart failure with preserved ejection fraction. <i>Cardiovascular Research</i> , 2023, 118, 3586-3601.	3.8	9
20	Nitric Oxide Regulation of Cardiovascular Physiology and Pathophysiology. , 2017, , 313-338.		8
21	Next-Generation Stem Cell Therapy: Genetically Modified Mesenchymal Stem Cells for Cardiac Repair. <i>Cardiovascular Drugs and Therapy</i> , 2017, 31, 5-7.	2.6	7
22	Sâ€Nitrosoglutathione Reductase Deficiency Causes Aberrant Placental Sâ€Nitrosylation and Preeclampsia. <i>Journal of the American Heart Association</i> , 2022, 11, e024008.	3.7	7
23	Age Induced Nitroso-Redox Imbalance Leads to Subclinical Hypogonadism in Male Mice. <i>Frontiers in Endocrinology</i> , 2019, 10, 190.	3.5	5
24	Systemic delivery of large-scale manufactured Whartonâ€™s Jelly mesenchymal stem cell-derived extracellular vesicles improves cardiac function after myocardial infarction. , 2022, 2, .		4
25	Educational Review: The Impact of Perinatal Oxidative Stress on the Developing Kidney. <i>Frontiers in Pediatrics</i> , 0, 10, .	1.9	4
26	Short-acting testosterone appears to have lesser effect on male reproductive potential compared with long-acting testosterone in mice. <i>F&S Science</i> , 2020, 1, 46-52.	0.9	2
27	PD08-08 S-NITROSOGLUTATHIONE REDUCTASE (GSNOR) KNOCKOUT MICE: A NOVEL MODEL OF MALE INFERTILITY. <i>Journal of Urology</i> , 2017, 197, .	0.4	0
28	Our Vision on Health Equity and Justice in Reproductive Sciences: Yesterday, Today, and Tomorrow. <i>Reproductive Sciences</i> , 2022, 29, 1965-1966.	2.5	0