

# 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	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
2	Systemic delivery of large-scale manufactured Whartonâ€™s Jelly mesenchymal stem cell-derived extracellular vesicles improves cardiac function after myocardial infarction. , 2022, 2, .		4
3	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
4	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
5	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
6	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
7	Short-acting testosterone appears to have lesser effect on male reproductive potential compared with long-acting testosterone in mice. <i>F&amp;S Science</i> , 2020, 1, 46-52.	0.9	2
8	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
9	Neonatal hyperoxia exposure induces aortic biomechanical alterations and cardiac dysfunction in juvenile rats. <i>Physiological Reports</i> , 2020, 8, e14334.	1.7	13
10	Age Induced Nitroso-Redox Imbalance Leads to Subclinical Hypogonadism in Male Mice. <i>Frontiers in Endocrinology</i> , 2019, 10, 190.	3.5	5
11	S-Nitrosoglutathione Reductase (GSNOR) Deficiency Results in Secondary Hypogonadism. <i>Journal of Sexual Medicine</i> , 2018, 15, 654-661.	0.6	9
12	Effect of nitroso-redox imbalance on male reproduction. <i>Translational Andrology and Urology</i> , 2018, 7, 968-977.	1.4	13
13	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
14	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
15	PD08-08 S-NITROSOGLUTATHIONE REDUCTASE (GSNOR) KNOCKOUT MICE: A NOVEL MODEL OF MALE INFERTILITY. <i>Journal of Urology</i> , 2017, 197, .	0.4	0
16	Nitric Oxide Regulation of Cardiovascular Physiology and Pathophysiology. , 2017, , 313-338.		8
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	<i>Nitrosogluthione Reductase Deficiency Enhances the Proliferative Expansion of Adult Heart Progenitors and Myocytes Post Myocardial Infarction. Journal of the American Heart Association, 2015, 4, .</i>	3.7	43
20	Endothelial NO Synthase Augments Fetoplacental Blood Flow, Placental Vascularization, and Fetal Growth in Mice. <i>Hypertension, 2013, 61, 259-266.</i>	2.7	73
21	Endothelial Nitric Oxide Synthase Deficiency Reduces Uterine Blood Flow, Spiral Artery Elongation, and Placental Oxygenation in Pregnant Mice. <i>Hypertension, 2012, 60, 231-238.</i>	2.7	125
22	Alterations in $\beta$ -Adrenergic Cardiac Innervation and Nitric Oxide Signaling in Heart Failure. <i>Journal of the American College of Cardiology, 2012, 59, 1988-1990.</i>	2.8	10
23	3D Visualisation and Quantification by Microcomputed Tomography of Late Gestational Changes in the Arterial and Venous Feto-Placental Vasculature of the Mouse. <i>Placenta, 2007, 28, 833-840.</i>	1.5	62
24	Embryonic and Neonatal Phenotyping of Genetically Engineered Mice. <i>ILAR Journal, 2006, 47, 103-117.</i>	1.8	69
25	Endothelium-Independent Flow-Induced Dilation in the Mouse Carotid Artery. <i>Journal of Vascular Research, 2006, 43, 383-391.</i>	1.4	13
26	Cardiovascular Function in Mice During Normal Pregnancy and in the Absence of Endothelial NO Synthase. <i>Hypertension, 2006, 47, 1175-1182.</i>	2.7	55
27	Maternal cardiovascular changes during pregnancy and postpartum in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H918-H925.</i>	3.2	68
28	Educational Review: The Impact of Perinatal Oxidative Stress on the Developing Kidney. <i>Frontiers in Pediatrics, 0, 10, .</i>	1.9	4