

Bhavisha A Bakrania

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

511
citations

687363
13
h-index

677142
22
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28
all docs

28
docs citations

28
times ranked

664
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced circulating oxidized LDL is associated with hypocholesterolemia and enhanced thiol status in Gilbert syndrome. <i>Free Radical Biology and Medicine</i> , 2012, 52, 2120-2127.	2.9	81
2	The Endothelin System: A Critical Player in the Pathophysiology of Preeclampsia. <i>Current Hypertension Reports</i> , 2018, 20, 32.	3.5	60
3	Bilirubin acts as a multipotent guardian of cardiovascular integrity: more than just a radical idea. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H429-H447.	3.2	51
4	The Endothelin Type A Receptor as a Potential Therapeutic Target in Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 522.	4.1	34
5	Animal models of preeclampsia: investigating pathophysiology and therapeutic targets. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, S973-S987.	1.3	32
6	Pre- or post-ischemic bilirubin ditaurate treatment reduces oxidative tissue damage and improves cardiac function. <i>International Journal of Cardiology</i> , 2016, 202, 27-33.	1.7	30
7	Preeclampsia: Linking Placental Ischemia with Maternal Endothelial and Vascular Dysfunction. , 2020, 11, 1315-1349.		26
8	Exposure to placental ischemia impairs postpartum maternal renal and cardiac function in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R664-R670.	1.8	25
9	Long-Term Postpartum Cardiac Function and Its Association With Preeclampsia. <i>Journal of the American Heart Association</i> , 2021, 10, e018526.	3.7	25
10	Hyperbilirubinemia modulates myocardial function, aortic ejection, and ischemic stress resistance in the Gunn rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1142-H1149.	3.2	24
11	Chronically elevated bilirubin protects from cardiac reperfusion injury in the male Gunn rat. <i>Acta Physiologica</i> , 2017, 220, 461-470.	3.8	22
12	Prenatal Sildenafil Therapy Improves Cardiovascular Function in Fetal Growth Restricted Offspring of Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2019, 73, 1120-1127.	2.7	17
13	Heme oxygenase-1 is a potent inhibitor of placental ischemia-mediated endothelin-1 production in cultured human glomerular endothelial cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R427-R432.	1.8	16
14	The Reduced Uterine Perfusion Pressure (RUPP) rat model of preeclampsia exhibits impaired systolic function and global longitudinal strain during pregnancy. <i>Pregnancy Hypertension</i> , 2019, 18, 169-172.	1.4	15
15	Antepartum Aspirin Administration Reduces Activin A and Cardiac Global Longitudinal Strain in Preeclamptic Women. <i>Journal of the American Heart Association</i> , 2020, 9, e015997.	3.7	11
16	Endogenous Tetrapyrroles Influence Leukocyte Responses to Lipopolysaccharide in Human Blood: Pre-Clinical Evidence Demonstrating the Anti-Inflammatory Potential of Biliverdin. <i>Journal of Clinical & Cellular Immunology</i> , 2014, 05, 1000218.	1.5	10
17	Luteolin-induced vasorelaxation in uterine arteries from normal pregnant rats. <i>Pregnancy Hypertension</i> , 2021, 23, 11-17.	1.4	8
18	Methods for the Determination of Rates of Glucose and Fatty Acid Oxidation in the Isolated Working Rat Heart. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	7

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19	Stimulation of soluble guanylate cyclase diminishes intrauterine growth restriction in a rat model of placental ischemia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R149-R161.	1.8	7
20	Soluble guanylate cyclase stimulation in late gestation does not mitigate asymmetric intrauterine growth restriction or cardiovascular risk induced by placental ischemia in the rat. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1923-H1934.	3.2	6
21	Soluble Guanylate Cyclase Activators Increase cGMP Expression and Improve Vascular Function and Placental Ischemia-Induced Hypertension. FASEB Journal, 2019, 33, 865.13.	0.5	2
22	Abstract 013: Soluble Guanylate Cyclase Activators Improve Vascular Function and Attenuate Placental Ischemia-Induced Hypertension. Hypertension, 2018, 72, .	2.7	1
23	Sustained Elevated Circulating Activin A Impairs Global Longitudinal Strain in Pregnant Rats: A Potential Mechanism for Preeclampsia-Related Cardiac Dysfunction. Cells, 2022, 11, 742.	4.1	1
24	Soluble Guanylate Cyclase Stimulators and Activators Attenuate Placental Production of sFlt-1. FASEB Journal, 2018, 32, 729.9.	0.5	0
25	Luteolin protects human glomerular endothelial cells from TNF α -induced endothelial dysfunction by attenuating ET α and ROS production. FASEB Journal, 2019, 33, 865.9.	0.5	0
26	Elevated Plasma Activin A Levels during Pregnancy Impairs Global Longitudinal Strain in the Heart. FASEB Journal, 2020, 34, 1-1.	0.5	0
27	Animal Models Used for Investigating Pathophysiology of Preeclampsia and Identifying Therapeutic Targets. , 2022, , 435-447.		0