

Bhavisha A Bakrania

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.

26 papers	321 citations	10 h-index	17 g-index
28 ext. papers	430 ext. citations	4.1 avg, IF	3.6 L-index

#	Paper	IF	Citations
26	Reduced circulating oxidized LDL is associated with hypocholesterolemia and enhanced thiol status in Gilbert syndrome. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 2120-7	7.8	67
25	The Endothelin System: A Critical Player in the Pathophysiology of Preeclampsia. <i>Current Hypertension Reports</i> , 2018 , 20, 32	4.7	46
24	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	5.2	30
23	The Endothelin Type A Receptor as a Potential Therapeutic Target in Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	29
22	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	3.2	28
21	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	3.2	23
20	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, H1142-9	5.2	17
19	Chronically elevated bilirubin protects from cardiac reperfusion injury in the male Gunn rat. <i>Acta Physiologica</i> , 2017 , 220, 461-470	5.6	16
18	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	3.2	11
17	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 , 5, 1000218	2.7	10
16	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	2.6	8
15	Prenatal Sildenafil Therapy Improves Cardiovascular Function in Fetal Growth Restricted Offspring of Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2019 , 73, 1120-1127	8.5	6
14	Long-Term Postpartum Cardiac Function and Its Association With Preeclampsia. <i>Journal of the American Heart Association</i> , 2021 , 10, e018526	6	5
13	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	6	4
12	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 ,	1.6	4
11	Preeclampsia: Linking Placental Ischemia with Maternal Endothelial and Vascular Dysfunction. <i>Comprehensive Physiology</i> , 2020 , 11, 1315-1349	7.7	4
10	Stimulation of soluble guanylate cyclase diminishes intrauterine growth restriction in a rat model of placental ischemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R149-R161	3.2	4

9	Animal models of preeclampsia: investigating pathophysiology and therapeutic targets. <i>American Journal of Obstetrics and Gynecology</i> , 2020 ,	6.4	3
8	Soluble Guanylate Cyclase Activators Increase cGMP Expression and Improve Vascular Function and Placental Ischemia-Induced Hypertension. <i>FASEB Journal</i> , 2019 , 33, 865.13	0.9	2
7	Soluble guanylate cyclase stimulation in late gestation does not mitigate asymmetric intrauterine growth restriction or cardiovascular risk induced by placental ischemia in the rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H1923-H1934	5.2	2
6	Abstract 013: Soluble Guanylate Cyclase Activators Improve Vascular Function and Attenuate Placental Ischemia-Induced Hypertension. <i>Hypertension</i> , 2018 , 72,	8.5	1
5	Luteolin-induced vasorelaxation in uterine arteries from normal pregnant rats. <i>Pregnancy Hypertension</i> , 2021 , 23, 11-17	2.6	1
4	Animal Models Used for Investigating Pathophysiology of Preeclampsia and Identifying Therapeutic Targets 2022 , 435-447		
3	Elevated Plasma Activin A Levels during Pregnancy Impairs Global Longitudinal Strain in the Heart. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
2	Soluble Guanylate Cyclase Stimulators and Activators Attenuate Placental Production of sFlt-1. <i>FASEB Journal</i> , 2018 , 32, 729.9	0.9	
1	Luteolin protects human glomerular endothelial cells from TNF- α -induced endothelial dysfunction by attenuating ET-1 and ROS production. <i>FASEB Journal</i> , 2019 , 33, 865.9	0.9	