

# Shruti Sharma

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,026  
citations

430442

18  
h-index

552369

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1758  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carnitine homeostasis, mitochondrial function and cardiovascular disease. <i>Drug Discovery Today Disease Mechanisms</i> , 2009, 6, e31-e39.	0.8	130
2	Reactive Oxygen Species in Pulmonary Vascular Remodeling. , 2013, 3, 1011-1034.		121
3	Increased Superoxide and Endothelial NO Synthase Uncoupling in Blood Vessels of Bmal1-Knockout Mice. <i>Circulation Research</i> , 2012, 111, 1157-1165.	2.0	103
4	Endothelin-1 Induces a Glycolytic Switch in Pulmonary Arterial Endothelial Cells via the Mitochondrial Translocation of Endothelial Nitric Oxide Synthase. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 1084-1095.	1.4	63
5	Lipopolysaccharide-induced Lung Injury Involves the Nitration-mediated Activation of RhoA. <i>Journal of Biological Chemistry</i> , 2014, 289, 4710-4722.	1.6	50
6	Glutathione Supplementation Attenuates Lipopolysaccharide-Induced Mitochondrial Dysfunction and Apoptosis in a Mouse Model of Acute Lung Injury. <i>Frontiers in Physiology</i> , 2012, 3, 161.	1.3	47
7	Bosentan inhibits oxidative and nitrosative stress and rescues occlusive pulmonaryhypertension. <i>Free Radical Biology and Medicine</i> , 2013, 56, 28-43.	1.3	47
8	Neuronal nitric oxide synthase within paraventricular nucleus: blood pressure and baroreflex in twoâ€œkidney, oneâ€œclip hypertensive rats. <i>Experimental Physiology</i> , 2010, 95, 845-857.	0.9	44
9	Mechanisms of nitric oxide synthase uncoupling in endotoxin-induced acute lung injury: Role of asymmetric dimethylarginine. <i>Vascular Pharmacology</i> , 2010, 52, 182-190.	1.0	41
10	L-Carnitine preserves endothelial function in a lamb model of increased pulmonary blood flow. <i>Pediatric Research</i> , 2013, 74, 39-47.	1.1	39
11	Dimethylarginine Dimethylaminohydrolase II Overexpression Attenuates LPS-Mediated Lung Leak in Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 614-625.	1.4	37
12	Disruption of Endothelial Cell Mitochondrial Bioenergetics in Lambs with Increased Pulmonary Blood Flow. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1739-1752.	2.5	36
13	Redox regulation of epidermal growth factor receptor signaling during the development of pulmonary hypertension. <i>Free Radical Biology and Medicine</i> , 2016, 95, 96-111.	1.3	30
14	A nitric oxide donor reduces brain injury and enhances recovery of cerebral blood flow after hypoxia-ischemia in the newborn rat. <i>Neuroscience Letters</i> , 2007, 415, 124-129.	1.0	25
15	C-Terminus of Heat Shock Protein 70â€œInteracting Proteinâ€œDependent GTP Cyclohydrolase I Degradation in Lambs with Increased Pulmonary Blood Flow. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 163-171.	1.4	25
16	Preserving mitochondrial function prevents the proteasomal degradation of GTP cyclohydrolase I. <i>Free Radical Biology and Medicine</i> , 2012, 53, 216-229.	1.3	24
17	Tetrahydrobiopterin Supplementation Enhances Carotid Artery Compliance in Healthy Older Men: A Pilot Study. <i>American Journal of Hypertension</i> , 2012, 25, 1050-1054.	1.0	22
18	Elevated zinc induces endothelial apoptosis via disruption of glutathione metabolism: role of the ADP translocator. <i>BioMetals</i> , 2010, 23, 19-30.	1.8	21

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19	Alterations in lung arginine metabolism in lambs with pulmonary hypertension associated with increased pulmonary blood flow. <i>Vascular Pharmacology</i> , 2009, 51, 359-364.	1.0	18
20	Rosiglitazone preserves pulmonary vascular function in lambs with increased pulmonary blood flow. <i>Pediatric Research</i> , 2013, 73, 54-61.	1.1	18
21	Alterations in cGMP, soluble guanylate cyclase, phosphodiesterase 5, and B&Atype natriuretic peptide induced by chronic increased pulmonary blood flow in lambs. <i>Pediatric Pulmonology</i> , 2007, 42, 1057-1071.	1.0	16
22	Role of Carnitine Acetyl Transferase in Regulation of Nitric Oxide Signaling in Pulmonary Arterial Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 255-272.	1.8	16
23	Perinatal changes in superoxide generation in the ovine lung: Alterations associated with increased pulmonary blood flow. <i>Vascular Pharmacology</i> , 2010, 53, 38-52.	1.0	14
24	Early Determinants of Pulmonary Vascular Remodeling in Animal Models of Complex Congenital Heart Disease. <i>Circulation</i> , 2011, 123, 916-923.	1.6	11
25	Chronic inhibition of PPAR- $\beta$ signaling induces endothelial dysfunction in the juvenile lamb. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013, 26, 271-280.	1.1	10
26	Tezosentan increases nitric oxide signaling via enhanced hydrogen peroxide generation in lambs with surgically induced acute increases in pulmonary blood flow. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 435-447.	1.2	9
27	Hyper-activation of pp60 Src limits nitric oxide signaling by increasing asymmetric dimethylarginine levels during acute lung injury. <i>Free Radical Biology and Medicine</i> , 2017, 102, 217-228.	1.3	9