

Sainath R Kotha

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pentalinosterol, a Phytosterol from Pentalinon andrieuxii, is Immunomodulatory through Phospholipase A2 in Macrophages toward its Antileishmanial Action. Cell Biochemistry and Biophysics, 2021, , 1.	1.8	2
2	ACD toxin produced actin oligomers poison formin-controlled actin polymerization. Science, 2015, 349, 535-539.	12.6	46
3	A Novel Sterol Isolated from a Plant Used by Mayan Traditional Healers Is Effective in Treatment of Visceral Leishmaniasis Caused by <i>Leishmania donovani</i> . ACS Infectious Diseases, 2015, 1, 497-506.	3.8	18
4	Phospholipase A2 Activation by Poultry Particulate Matter is Mediated Through Extracellular Signal-Regulated Kinase in Lung Epithelial Cells: Regulation of Interleukin-8 Release. Cell Biochemistry and Biophysics, 2013, 67, 415-429.	1.8	5
5	Adiponectin Protects Against Hyperoxic Lung Injury and Vascular Leak. Cell Biochemistry and Biophysics, 2013, 67, 399-414.	1.8	16
6	Eicosanoid Signaling and Vascular Dysfunction: Methylmercury-Induced Phospholipase D Activation in Vascular Endothelial Cells. Cell Biochemistry and Biophysics, 2013, 67, 317-329.	1.8	18
7	Phospholipase D Signaling Mediates Reactive Oxygen Species-Induced Lung Endothelial Barrier Dysfunction. Pulmonary Circulation, 2013, 3, 108-115.	1.7	18
8	Intermittent Hypoxia Exacerbates Pancreatic β -Cell Dysfunction in A Mouse Model of Diabetes Mellitus. Sleep, 2013, 36, 1849-1858.	1.1	47
9	Thiol-redox antioxidants protect against lung vascular endothelial cytoskeletal alterations caused by pulmonary fibrosis inducer, bleomycin: comparison between classical thiol-protectant, N-acetyl-L-cysteine, and novel thiol antioxidant, N,N'-bis(2-mercaptoethyl)isophthalamide. Toxicology Mechanisms and Methods, 2012, 22, 383-396.	2.7	20
10	Pulmonary Fibrosis Inducer, Bleomycin, Causes Redox-Sensitive Activation of Phospholipase D and Cytotoxicity Through Formation of Bioactive Lipid Signal Mediator, Phosphatidic Acid, in Lung Microvascular Endothelial Cells. International Journal of Toxicology, 2011, 30, 69-90.	1.2	24
11	Novel Lipid-Soluble Thiol-Redox Antioxidant and Heavy Metal Chelator, N,N'-bis(2-Mercaptoethyl)isophthalamide (NBMI) and Phospholipase D-Specific Inhibitor, 5-Fluoro-2-Indolyl Des-Chlorohalopemide (FIPI) Attenuate Mercury-Induced Lipid Signaling Leading to Protection Against Cytotoxicity in Aortic Endothelial Cells. International Journal of Toxicology, 2011, 30, 619-638.	1.2	15
12	Vascular and Cardiac Impairments in Rats Inhaling Ozone and Diesel Exhaust Particles. Environmental Health Perspectives, 2011, 119, 312-318.	6.0	97
13	Hyperglycemic oxoaldehyde, glyoxal, causes barrier dysfunction, cytoskeletal alterations, and inhibition of angiogenesis in vascular endothelial cells: aminoguanidine protection. Molecular and Cellular Biochemistry, 2010, 333, 9-26.	3.1	36
14	miR-802 regulates human angiotensin II type 1 receptor expression in intestinal epithelial C2BBel cells. American Journal of Physiology - Renal Physiology, 2010, 299, G632-G642.	3.4	29
15	Sulfaphenazole Protects Heart Against Ischemia-Reperfusion Injury and Cardiac Dysfunction by Overexpression of iNOS, Leading to Enhancement of Nitric Oxide Bioavailability and Tissue Oxygenation. Antioxidants and Redox Signaling, 2009, 11, 725-738.	5.4	38
16	Calcium and Calmodulin Regulate Mercury-induced Phospholipase D Activation in Vascular Endothelial Cells. International Journal of Toxicology, 2009, 28, 190-206.	1.2	19