

Sainath R Kotha

List of Publications by Year in descending order

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16
papers

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citations

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16
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular and Cardiac Impairments in Rats Inhaling Ozone and Diesel Exhaust Particles. <i>Environmental Health Perspectives</i> , 2011, 119, 312-318.	6.0	97
2	Intermittent Hypoxia Exacerbates Pancreatic β -Cell Dysfunction in A Mouse Model of Diabetes Mellitus. <i>Sleep</i> , 2013, 36, 1849-1858.	1.1	47
3	ACD toxin produced actin oligomers poison formin-controlled actin polymerization. <i>Science</i> , 2015, 349, 535-539.	12.6	46
4	Sulfaphenazole Protects Heart Against Ischemia-Reperfusion Injury and Cardiac Dysfunction by Overexpression of iNOS, Leading to Enhancement of Nitric Oxide Bioavailability and Tissue Oxygenation. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 725-738.	5.4	38
5	Hyperglycemic oxoaldehyde, glyoxal, causes barrier dysfunction, cytoskeletal alterations, and inhibition of angiogenesis in vascular endothelial cells: aminoguanidine protection. <i>Molecular and Cellular Biochemistry</i> , 2010, 333, 9-26.	3.1	36
6	miR-802 regulates human angiotensin II type 1 receptor expression in intestinal epithelial C2BBel cells. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, G632-G642.	3.4	29
7	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. <i>International Journal of Toxicology</i> , 2011, 30, 69-90.	1.2	24
8	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-bis-2-mercaptoethyl isophthalamide. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 383-396.	2.7	20
9	Calcium and Calmodulin Regulate Mercury-induced Phospholipase D Activation in Vascular Endothelial Cells. <i>International Journal of Toxicology</i> , 2009, 28, 190-206.	1.2	19
10	Eicosanoid Signaling and Vascular Dysfunction: Methylmercury-Induced Phospholipase D Activation in Vascular Endothelial Cells. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 317-329.	1.8	18
11	Phospholipase D Signaling Mediates Reactive Oxygen Species-Induced Lung Endothelial Barrier Dysfunction. <i>Pulmonary Circulation</i> , 2013, 3, 108-115.	1.7	18
12	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> . <i>ACS Infectious Diseases</i> , 2015, 1, 497-506.	3.8	18
13	Adiponectin Protects Against Hyperoxic Lung Injury and Vascular Leak. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 399-414.	1.8	16
14	Novel Lipid-Soluble Thiol-Redox Antioxidant and Heavy Metal Chelator, 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. <i>International Journal of Toxicology</i> , 2011, 30, 619-638.	1.2	15
15	Phospholipase A2 Activation by Poultry Particulate Matter is Mediated Through Extracellular Signal-Regulated Kinase in Lung Epithelial Cells: Regulation of Interleukin-8 Release. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 415-429.	1.8	5
16	Pentalinonsterol, a Phytosterol from <i>Pentalinon andrieuxii</i> , is Immunomodulatory through Phospholipase A2 in Macrophages toward its Antileishmanial Action. <i>Cell Biochemistry and Biophysics</i> , 2021, , 1.	1.8	2