Sreedhar Bodiga

List of Publications by Year
in descending order

45 papers	1,397 citations	394421 19 h-index	330143 37 g-index
47 all docs	47 docs citations	47 times ranked	2183 citing authors

#	Article	IF	Citations
1	Short-term, long-term and paracrine effect of human umbilical cord-derived stem cells in lung injury prevention and repair in experimental bronchopulmonary dysplasia. Thorax, 2013, 68, 475-484.	5.6	217
2	Advanced glycation end products: role in pathology of diabetic cardiomyopathy. Heart Failure Reviews, 2014, 19, 49-63.	3.9	154
3	Loss of Angiotensin-Converting Enzyme-2 Exacerbates Diabetic Cardiovascular Complications and Leads to Systolic and Vascular Dysfunction. Circulation Research, 2012, 110, 1322-1335.	4.5	141
4	Cardioprotective Effects Mediated by Angiotensin II Type 1 Receptor Blockade and Enhancing Angiotensin 1-7 in Experimental Heart Failure in Angiotensin-Converting Enzyme 2â€“Null Mice. Hypertension, 2012, 59, 1195-1203.	2.7	97
5	Enhanced susceptibility to biomechanical stress in ACE2 null mice is prevented by loss of the p47phox NADPH oxidase subunit. Cardiovascular Research, 2011, 91, 151-161.	3.8	76
6	20-HETE increases superoxide production and activates NAPDH oxidase in pulmonary artery endothelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L902-L911.	2.9	66
7	Role of ACE2 in diastolic and systolic heart failure. Heart Failure Reviews, 2012, 17, 683-691.	3.9	63
8	20-HETE increases survival and decreases apoptosis in pulmonary arteries and pulmonary artery endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H777-H786.	3.2	44
9	Cellular Inflammatory Infiltrate in Pneumonitis Induced by a Single Moderate Dose of Thoracic X Radiation in Rats. Radiation Research, 2010, 173, 545-556.	1.5	40
10	Protective actions of epoxyeicosatrienoic acid: Dual targeting of cardiovascular PI3K and KATP channels. Journal of Molecular and Cellular Cardiology, 2009, 46, 978-988.	1.9	39
11	Cardioprotective effect of zinc requires ErbB2 and Akt during hypoxia/reoxygenation. BioMetals, 2011, 24, 171-180.	4.1	39
12	Renin Angiotensin System in Cognitive Function and Dementia. Asian Journal of Neuroscience, 2013, 2013, 1-18.	0.2	39
13	20-HETE-induced nitric oxide production in pulmonary artery endothelial cells is mediated by NADPH oxidase, H₂O₂, and PI3-kinase/Akt. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L564-L574.	2.9	33
14	Effect of vitamin supplementation on cisplatin-induced intestinal epithelial cell apoptosis in Wistar/NIN rats. Nutrition, 2012, 28, 572-580.	2.4	30
15	Zinc pyrithione salvages reperfusion injury by inhibiting NADPH oxidase activation in cardiomyocytes. Biochemical and Biophysical Research Communications, 2011, 410, 270-275.	2.1	28
16	Concurrent repletion of iron and zinc reduces intestinal oxidative damage in iron- and zinc-deficient rats. World Journal of Gastroenterology, 2007, 13, 5707.	3.3	25
17	Development and characterization of Ï‰-3 fatty acid nanoemulsions with improved physicochemical stability and bioaccessibility. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 606, 125515.	4.7	22
18	Attenuation of non-enzymatic thermal glycation of bovine serum albumin (BSA) using Î²-carotene. International Journal of Biological Macromolecules, 2013, 56, 41-48.	7.5	20

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19	Chronic low intake of protein or vitamins increases the intestinal epithelial cell apoptosis in Wistar/NIN rats. Nutrition, 2005, 21, 949-960.	2.4	19
20	Zinc Dyshomeostasis in Cardiomyocytes after Acute Hypoxia/Reoxygenation. Biological Trace Element Research, 2017, 179, 117-129.	3.5	19
21	Loss of ErbB2-PI3K/Akt signaling prevents zinc pyrithione-induced cardioprotection during ischemia/reperfusion. Biomedicine and Pharmacotherapy, 2017, 88, 309-324.	5.6	18
22	Comparative Response of Cardiomyocyte ZIPs and ZnTs to Extracellular Zinc and TPEN. Biological Trace Element Research, 2019, 192, 297-307.	3.5	18
23	Zinc pyrithione inhibits caspase-3 activity, promotes ErbB1-ErbB2 heterodimerization and suppresses ErbB2 downregulation in cardiomyocytes subjected to ischemia/reperfusion. Journal of Inorganic Biochemistry, 2015, 153, 49-59.	3.5	16
24	Silencing of PKC-Î±, TRPC1 or NF-ÎºB expression attenuates cisplatin-induced ICAM-1 expression and endothelial dysfunction. Biochemical Pharmacology, 2015, 98, 78-91.	4.4	16
25	Copper deprivation modulates CTR1 and CUP1 expression and enhances cisplatin cytotoxicity in Saccharomyces cerevisiae. Journal of Trace Elements in Medicine and Biology, 2012, 26, 13-19.	3.0	15
26	Intracellular zinc status influences cisplatin-induced endothelial permeability through modulation of PKCÎ±, NF-ÎºB and ICAM-1 expression. European Journal of Pharmacology, 2016, 791, 355-368.	3.5	14
27	Tissue protection and endothelial cell signaling by 20-HETE analogs in intact ex vivo lung slices. Experimental Cell Research, 2012, 318, 2143-2152.	2.6	10
28	Biochemical, machine learning and molecular approaches for the differential diagnosis of Mucopolysaccharidoses. Molecular and Cellular Biochemistry, 2019, 458, 27-37.	3.1	10
29	Cisplatin cytotoxicity is dependent on mitochondrial respiration in. Iranian Journal of Basic Medical Sciences, 2017, 20, 83-89.	1.0	10
30	Uncoupling between enhanced excitationâ€“contraction coupling and the response to heart disease: Lessons from the PI3KÎ³ knockout murine model. Journal of Molecular and Cellular Cardiology, 2011, 50, 606-612.	1.9	8
31	Effect of dietary antioxidants on the cytostatic effect of acrylamide during copper-deficiency in Saccharomyces cerevisiae. Food and Function, 2014, 5, 705-715.	4.6	8
32	Zinc-dependent changes in oxidative and endoplasmic reticulum stress during cardiomyocyte hypoxia/reoxygenation. Biological Chemistry, 2020, 401, 1257-1271.	2.5	8
33	Use of ginseng to reduce post-myocardial adverse myocardial remodeling: applying scientific principles to the use of herbal therapies. Journal of Molecular Medicine, 2011, 89, 317-320.	3.9	7
34	Low Ctr1p, due to lack of Sco1p results in lowered cisplatin uptake and mediates insensitivity of rho0 yeast to cisplatin. Journal of Inorganic Biochemistry, 2018, 187, 14-24.	3.5	7
35	In vitro biological evaluation of glyburide as potential inhibitor of collagenases. International Journal of Biological Macromolecules, 2014, 70, 187-192.	7.5	6
36	Andrographolide suppresses cisplatin-induced endothelial hyperpermeability through activation of PI3K/Akt and eNOS â€“derived nitric oxide. Bioorganic and Medicinal Chemistry, 2020, 28, 115809.	3.0	5

#	Article	IF	Citations
37	Dietary phytate lowers - mutational frequency, decreases DNA-adduct and hydroxyl radical formation in azoxymethane-induced colon cancer. Iranian Journal of Basic Medical Sciences, 2020, 23, 20-29.	1.0	5
38	Ellagic Acid from Terminalia arjuna Fruits Protects Against Chromium and Cobalt Toxicity in Primary Human Lymphocytes. Biological Trace Element Research, 2022, 200, 2698-2708.	3.5	3
39	Role of mitochondrial respiration in sensitization of copper-deficient yeast to cisplatin-induced cytotoxicity. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2013, 7, 210-217.	1.1	1
40	Zinc dyshomeostasis in azoxymethane induced colonic precancerous and cancerous lesions in Fisher rats. Metallomics, 2021, 13, .	2.4	1
41	Crocin inhibits urea-induced amyloid formation by bovine Î²-lactoglobulin. New Journal of Chemistry, 2021, 45, 2589-2596.	2.8	0
42	Zinc ionophores isolated from Terminalia bellirica fruit rind extract protect against cardiomyocyte hypoxia/reoxygenation injury. Bioorganic and Medicinal Chemistry, 2021, 46, 116394.	3.0	0
43	20â€Hydroxyeicosatetraenoic acid protects the pulmonary vasculature from apoptosis. FASEB Journal, 2008, 22, 1150.9.	0.5	0
44	Protection of mouse pulmonary arteries from hypoxiaâ€induced apoptosis: Cross talk between phosphoinositide 3â€kinase (PI3K) and ATPâ€sensitive potassium (KATP) channels. FASEB Journal, 2008, 22, 915.2.	0.5	0
45	Physicochemical studies of sunflower oil based vitamin D nanoemulsions. Journal of Dispersion Science and Technology, 0, , 1-11.	2.4	0