

Sreedhar Bodiga

List of Publications by Year in descending order

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45
papers

1,397
citations

394421

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citing authors

#	ARTICLE	IF	CITATIONS
1	Ellagic Acid from Terminalia arjuna Fruits Protects Against Chromium and Cobalt Toxicity in Primary Human Lymphocytes. <i>Biological Trace Element Research</i> , 2022, 200, 2698-2708.	3.5	3
2	Crocin inhibits urea-induced amyloid formation by bovine β -lactoglobulin. <i>New Journal of Chemistry</i> , 2021, 45, 2589-2596.	2.8	0
3	Zinc ionophores isolated from Terminalia bellirica fruit rind extract protect against cardiomyocyte hypoxia/reoxygenation injury. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 46, 116394.	3.0	0
4	Zinc dyshomeostasis in azoxymethane induced colonic precancerous and cancerous lesions in Fisher rats. <i>Metallomics</i> , 2021, 13, .	2.4	1
5	Andrographolide suppresses cisplatin-induced endothelial hyperpermeability through activation of PI3K/Akt and eNOS α -derived nitric oxide. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115809.	3.0	5
6	Development and characterization of ω -3 fatty acid nanoemulsions with improved physicochemical stability and bioaccessibility. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125515.	4.7	22
7	Zinc-dependent changes in oxidative and endoplasmic reticulum stress during cardiomyocyte hypoxia/reoxygenation. <i>Biological Chemistry</i> , 2020, 401, 1257-1271.	2.5	8
8	Dietary phytate lowers - mutational frequency, decreases DNA-adduct and hydroxyl radical formation in azoxymethane-induced colon cancer. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 20-29.	1.0	5
9	Biochemical, machine learning and molecular approaches for the differential diagnosis of Mucopolysaccharidoses. <i>Molecular and Cellular Biochemistry</i> , 2019, 458, 27-37.	3.1	10
10	Comparative Response of Cardiomyocyte ZIPs and ZnTs to Extracellular Zinc and TPEN. <i>Biological Trace Element Research</i> , 2019, 192, 297-307.	3.5	18
11	Low Ctr1p, due to lack of Sco1p results in lowered cisplatin uptake and mediates insensitivity of rho0 yeast to cisplatin. <i>Journal of Inorganic Biochemistry</i> , 2018, 187, 14-24.	3.5	7
12	Loss of ErbB2-PI3K/Akt signaling prevents zinc pyrithione-induced cardioprotection during ischemia/reperfusion. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 309-324.	5.6	18
13	Zinc Dyshomeostasis in Cardiomyocytes after Acute Hypoxia/Reoxygenation. <i>Biological Trace Element Research</i> , 2017, 179, 117-129.	3.5	19
14	Cisplatin cytotoxicity is dependent on mitochondrial respiration in. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 83-89.	1.0	10
15	Intracellular zinc status influences cisplatin-induced endothelial permeability through modulation of PKC α , NF- κ B and ICAM-1 expression. <i>European Journal of Pharmacology</i> , 2016, 791, 355-368.	3.5	14
16	Zinc pyrithione inhibits caspase-3 activity, promotes ErbB1-ErbB2 heterodimerization and suppresses ErbB2 downregulation in cardiomyocytes subjected to ischemia/reperfusion. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 49-59.	3.5	16
17	Silencing of PKC- α , TRPC1 or NF- κ B expression attenuates cisplatin-induced ICAM-1 expression and endothelial dysfunction. <i>Biochemical Pharmacology</i> , 2015, 98, 78-91.	4.4	16
18	Advanced glycation end products: role in pathology of diabetic cardiomyopathy. <i>Heart Failure Reviews</i> , 2014, 19, 49-63.	3.9	154

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19	Effect of dietary antioxidants on the cytostatic effect of acrylamide during copper-deficiency in <i>Saccharomyces cerevisiae</i> . <i>Food and Function</i> , 2014, 5, 705-715.	4.6	8
20	In vitro biological evaluation of glyburide as potential inhibitor of collagenases. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 187-192.	7.5	6
21	Short-term, long-term and paracrine effect of human umbilical cord-derived stem cells in lung injury prevention and repair in experimental bronchopulmonary dysplasia. <i>Thorax</i> , 2013, 68, 475-484.	5.6	217
22	Attenuation of non-enzymatic thermal glycation of bovine serum albumin (BSA) using β -carotene. <i>International Journal of Biological Macromolecules</i> , 2013, 56, 41-48.	7.5	20
23	Role of mitochondrial respiration in sensitization of copper-deficient yeast to cisplatin-induced cytotoxicity. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2013, 7, 210-217.	1.1	1
24	Renin Angiotensin System in Cognitive Function and Dementia. <i>Asian Journal of Neuroscience</i> , 2013, 2013, 1-18.	0.2	39
25	Cardioprotective Effects Mediated by Angiotensin II Type 1 Receptor Blockade and Enhancing Angiotensin 1-7 in Experimental Heart Failure in Angiotensin-Converting Enzyme 2 ^{-/-} Null Mice. <i>Hypertension</i> , 2012, 59, 1195-1203.	2.7	97
26	Loss of Angiotensin-Converting Enzyme-2 Exacerbates Diabetic Cardiovascular Complications and Leads to Systolic and Vascular Dysfunction. <i>Circulation Research</i> , 2012, 110, 1322-1335.	4.5	141
27	Tissue protection and endothelial cell signaling by 20-HETE analogs in intact ex vivo lung slices. <i>Experimental Cell Research</i> , 2012, 318, 2143-2152.	2.6	10
28	Role of ACE2 in diastolic and systolic heart failure. <i>Heart Failure Reviews</i> , 2012, 17, 683-691.	3.9	63
29	Copper deprivation modulates CTR1 and CUP1 expression and enhances cisplatin cytotoxicity in <i>Saccharomyces cerevisiae</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2012, 26, 13-19.	3.0	15
30	Effect of vitamin supplementation on cisplatin-induced intestinal epithelial cell apoptosis in Wistar/NIN rats. <i>Nutrition</i> , 2012, 28, 572-580.	2.4	30
31	Zinc pyrithione salvages reperfusion injury by inhibiting NADPH oxidase activation in cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 270-275.	2.1	28
32	Uncoupling between enhanced excitation ² contraction coupling and the response to heart disease: Lessons from the PI3K ³ knockout murine model. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 606-612.	1.9	8
33	Cardioprotective effect of zinc requires ErbB2 and Akt during hypoxia/reoxygenation. <i>BioMetals</i> , 2011, 24, 171-180.	4.1	39
34	Use of ginseng to reduce post-myocardial adverse myocardial remodeling: applying scientific principles to the use of herbal therapies. <i>Journal of Molecular Medicine</i> , 2011, 89, 317-320.	3.9	7
35	Enhanced susceptibility to biomechanical stress in ACE2 null mice is prevented by loss of the p47phox NADPH oxidase subunit. <i>Cardiovascular Research</i> , 2011, 91, 151-161.	3.8	76
36	20-HETE-induced nitric oxide production in pulmonary artery endothelial cells is mediated by NADPH oxidase, H ₂ O ₂ , and PI3-kinase/Akt. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 298, L564-L574.	2.9	33

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37	Cellular Inflammatory Infiltrate in Pneumonitis Induced by a Single Moderate Dose of Thoracic X Radiation in Rats. <i>Radiation Research</i> , 2010, 173, 545-556.	1.5	40
38	20-HETE increases survival and decreases apoptosis in pulmonary arteries and pulmonary artery endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H777-H786.	3.2	44
39	Protective actions of epoxyeicosatrienoic acid: Dual targeting of cardiovascular PI3K and KATP channels. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 978-988.	1.9	39
40	20-HETE increases superoxide production and activates NAPDH oxidase in pulmonary artery endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L902-L911.	2.9	66
41	20-Hydroxyeicosatetraenoic acid protects the pulmonary vasculature from apoptosis. <i>FASEB Journal</i> , 2008, 22, 1150.9.	0.5	0
42	Protection of mouse pulmonary arteries from hypoxia-induced apoptosis: Cross talk between phosphoinositide 3-kinase (PI3K) and ATP-sensitive potassium (KATP) channels. <i>FASEB Journal</i> , 2008, 22, 915.2.	0.5	0
43	Concurrent repletion of iron and zinc reduces intestinal oxidative damage in iron- and zinc-deficient rats. <i>World Journal of Gastroenterology</i> , 2007, 13, 5707.	3.3	25
44	Chronic low intake of protein or vitamins increases the intestinal epithelial cell apoptosis in Wistar/NIN rats. <i>Nutrition</i> , 2005, 21, 949-960.	2.4	19
45	Physicochemical studies of sunflower oil based vitamin D nanoemulsions. <i>Journal of Dispersion Science and Technology</i> , 0, , 1-11.	2.4	0