Pasan K Fernando

List of Publications by Year
in descending order

23 papers	1,427 citations	623734 14 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	2115 citing authors

#	Article	IF	Citations
1	Cardiotrophin 1 stimulates beneficial myogenic and vascular remodeling of the heart. Cell Research, 2017, 27, 1195-1215.	12.0	35
2	Acute and subacute toxicity studies of CMICE-013, a novel iodinated rotenone-based myocardial perfusion tracer, in Sprague Dawley rats and Gottingen minipigs. Regulatory Toxicology and Pharmacology, 2016, 80, 195-209.	2.7	3
3	N-[11C]-methyl-hydroxyfasudil is a potential biomarker of cardiac hypertrophy. Nuclear Medicine and Biology, 2015, 42, 192-197.	0.6	2
4	Flow-Dependent Uptake of 123I-CMICE-013, a Novel SPECT Perfusion Agent, Compared with Standard Tracers. Journal of Nuclear Medicine, 2015, 56, 764-770.	5.0	6
5	Biodistribution and radiodosimetry of a novel myocardial perfusion tracer 123I-CMICE-013 in healthy rats. EJNMMI Research, 2014, 4, 16.	2.5	4
6	Characterization of the four isomers of 123I-CMICE-013: A potential SPECT myocardial perfusion imaging agent. Bioorganic and Medicinal Chemistry, 2014, 22, 2033-2044.	3.0	6
7	Toxicological Evaluation of a Rotenone Derivative in Rodents for Clinical Myocardial Perfusion Imaging. Cardiovascular Toxicology, 2014, 14, 170-182.	2.7	3
8	MicroRNA-133 Controls Brown Adipose Determination in Skeletal Muscle Satellite Cells by Targeting Prdm16. Cell Metabolism, 2013, 17, 210-224.	16.2	249
9	Synthesis and characterization of 123I-CMICE-013: A potential SPECT myocardial perfusion imaging agent. Bioorganic and Medicinal Chemistry, 2013, 21, 2903-2911.	3.0	15
10	Evaluation of Bifunctional Chelates for the Development of Gallium-Based Radiopharmaceuticals. Bioconjugate Chemistry, 2010, 21, 531-536.	3.6	80
11	Bin1 Src Homology 3 Domain Acts as a Scaffold for Myofiber Sarcomere Assembly. Journal of Biological Chemistry, 2009, 284, 27674-27686.	3.4	29
12	Is caspaseâ€dependent apoptosis only cell differentiation taken to the extreme?. FASEB Journal, 2007, 21, 8-17.	0.5	86
13	Active Kinase Proteome Screening Reveals Novel Signal Complexity in Cardiomyopathy. Molecular and Cellular Proteomics, 2005, 4, 673-682.	3.8	10
14	Neural stem cell differentiation is dependent upon endogenous caspaseâ€3 activity. FASEB Journal, 2005, 19, 1671-1673.	0.5	185
15	Phosphorylation-dependent structural alterations in the small hsp30 chaperone are associated with cellular recovery. Experimental Cell Research, 2003, 286, 175-185.	2.6	26
16	Caspase 3 activity is required for skeletal muscle differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11025-11030.	7.1	487
17	Xenopus small heat shock proteins, Hsp30C and Hsp30D, maintain heat- and chemically denatured luciferase in a folding-competent state. Cell Stress and Chaperones, 2002, 7, 6.	2.9	33
18	Denervation provokes greater reductions in insulin-stimulated glucose transport in muscle than severe diabetes. Molecular and Cellular Biochemistry, 2000, 210, 81-89.	3.1	14

#	Article	IF	Citations
19	Functional characterization of Xenopus small heat shock protein, Hsp30C: the carboxyl end is required for stability and chaperone activity. Cell Stress and Chaperones, 2000, 5, 148.	2.9	70
20	Spatial pattern of constitutive and heat shock-induced expression of the small heat shock protein gene family, hsp30, inXenopus laevis tailbud embryos. Genesis, 1999, 25, 365-374.	2.1	44
21	Characterization of a novel group of basic small heat shock proteins in Xenopus laevis A6 kidney epithelial cells. Biochemistry and Cell Biology, 1998, 76, 665-671.	2.0	13
22	Characterization of a novel group of basic small heat shock proteins in Xenopus laevis A6 kidney epithelial cells. Biochemistry and Cell Biology, 1998, 76, 665-671.	2.0	2
23	Preferential activation of HSF-binding activity and hsp70 gene expression in Xenopus heart after mild hyperthermia. Cell Stress and Chaperones, 1997, 2, 229.	2.9	25