

# Pasan K Fernando

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	MicroRNA-133 Controls Brown Adipose Determination in Skeletal Muscle Satellite Cells by Targeting Prdm16. Cell Metabolism, 2013, 17, 210-224.	16.2	249
3	Neural stem cell differentiation is dependent upon endogenous caspase-3 activity. FASEB Journal, 2005, 19, 1671-1673.	0.5	185
4	Is caspase-dependent apoptosis only cell differentiation taken to the extreme?. FASEB Journal, 2007, 21, 8-17.	0.5	86
5	Evaluation of Bifunctional Chelates for the Development of Gallium-Based Radiopharmaceuticals. Bioconjugate Chemistry, 2010, 21, 531-536.	3.6	80
6	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
7	Spatial pattern of constitutive and heat shock-induced expression of the small heat shock protein gene family, hsp30, in Xenopus laevis tailbud embryos. Genesis, 1999, 25, 365-374.	2.1	44
8	Cardiotrophin 1 stimulates beneficial myogenic and vascular remodeling of the heart. Cell Research, 2017, 27, 1195-1215.	12.0	35
9	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
10	Bin1 Src Homology 3 Domain Acts as a Scaffold for Myofiber Sarcomere Assembly. Journal of Biological Chemistry, 2009, 284, 27674-27686.	3.4	29
11	Phosphorylation-dependent structural alterations in the small hsp30 chaperone are associated with cellular recovery. Experimental Cell Research, 2003, 286, 175-185.	2.6	26
12	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
13	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
14	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
15	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
16	Active Kinase Proteome Screening Reveals Novel Signal Complexity in Cardiomyopathy. Molecular and Cellular Proteomics, 2005, 4, 673-682.	3.8	10
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Biodistribution and radiosimetry of a novel myocardial perfusion tracer 123I-CMICE-013 in healthy rats. <i>EJNMMI Research</i> , 2014, 4, 16.	2.5	4
20	Toxicological Evaluation of a Rotenone Derivative in Rodents for Clinical Myocardial Perfusion Imaging. <i>Cardiovascular Toxicology</i> , 2014, 14, 170-182.	2.7	3
21	Acute and subacute toxicity studies of CMICE-013, a novel iodinated rotenone-based myocardial perfusion tracer, in Sprague Dawley rats and Gottingen minipigs. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 80, 195-209.	2.7	3
22	N-[11C]-methyl-hydroxyfasudil is a potential biomarker of cardiac hypertrophy. <i>Nuclear Medicine and Biology</i> , 2015, 42, 192-197.	0.6	2
23	Characterization of a novel group of basic small heat shock proteins in <i>Xenopus laevis</i> A6 kidney epithelial cells. <i>Biochemistry and Cell Biology</i> , 1998, 76, 665-671.	2.0	2