Jian-Jun Wen

List of Publications by Year
in descending order

36	1,447	361045 20	454577 30
papers	citations	h-index	g-index

37	37	37	1271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trypanosoma cruzi infection disturbs mitochondrial membrane potential and ROS production rate in cardiomyocytes. Free Radical Biology and Medicine, 2009, 47, 1414-1421.	1.3	121
2	Oxidative damage during chagasic cardiomyopathy development: role of mitochondrial oxidant release and inefficient antioxidant defense. Free Radical Biology and Medicine, 2004, 37, 1821-1833.	1.3	116
3	Increased oxidative stress is correlated with mitochondrial dysfunction in chagasic patients. Free Radical Biology and Medicine, 2006, 41, 270-276.	1.3	109
4	Oxidative modification of mitochondrial respiratory complexes in response to the stress of Trypanosoma cruzi infection. Free Radical Biology and Medicine, 2004, 37, 2072-2081.	1.3	88
5	Oxidative Stress in Chagas Disease. Interdisciplinary Perspectives on Infectious Diseases, 2009, 2009, 1-8.	0.6	87
6	Tissue-specific oxidative imbalance and mitochondrial dysfunction during Trypanosoma cruzi infection in mice. Microbes and Infection, 2008, 10, 1201-1209.	1.0	77
7	SIRT1-PGC1Î±-NFÎºB Pathway of Oxidative and Inflammatory Stress during Trypanosoma cruzi Infection: Benefits of SIRT1-Targeted Therapy in Improving Heart Function in Chagas Disease. PLoS Pathogens, 2016, 12, e1005954.	2.1	77
8	Phenyl-Î±-tert-butyl-nitrone and Benzonidazole Treatment Controlled the Mitochondrial Oxidative Stress and Evolution of Cardiomyopathy in Chronic Chagasic Rats. Journal of the American College of Cardiology, 2010, 55, 2499-2508.	1.2	76
9	An overview of chagasic cardiomyopathy: pathogenic importance of oxidative stress. Anais Da Academia Brasileira De Ciencias, 2005, 77, 695-715.	0.3	70
10	Differential gene expression in fully-grown oocytes between gynogenetic and gonochoristic crucian carps. Gene, 2001, 271, 109-116.	1.0	69
11	Enhanced Nitrosative Stress during Trypanosoma cruzi Infection Causes Nitrotyrosine Modification of Host Proteins. American Journal of Pathology, 2008, 173, 728-740.	1.9	62
12	Mitochondrial generation of reactive oxygen species is enhanced at the Qo site of the complex III in the myocardium of Trypanosoma cruzi-infected mice: beneficial effects of an antioxidant. Journal of Bioenergetics and Biomembranes, 2008, 40, 587-598.	1.0	61
13	Phenyl-Î±-tert-Butyl Nitrone Reverses Mitochondrial Decay in Acute Chagas' Disease. American Journal of Pathology, 2006, 169, 1953-1964.	1.9	60
14	Aldose reductase inhibitor increases doxorubicin-sensitivity of colon cancer cells and decreases cardiotoxicity. Scientific Reports, 2017, 7, 3182.	1.6	55
15	Mitochondrial Complex III Defects Contribute to Inefficient Respiration and ATP Synthesis in the Myocardium ofTrypanosoma cruziâ€“Infected Mice. Antioxidants and Redox Signaling, 2010, 12, 27-37.	2.5	44
16	ROS Signalling of Inflammatory Cytokines During Trypanosoma cruzi Infection. Advances in Parasitology, 2011, 76, 153-170.	1.4	38
17	Serum Proteomic Signature of Human Chagasic Patients for the Identification of Novel Potential Protein Biomarkers of Disease. Molecular and Cellular Proteomics, 2012, 11, 435-452.	2.5	34
18	Manganese superoxide dismutase deficiency exacerbates the mitochondrial ROS production and oxidative damage in Chagas disease. PLoS Neglected Tropical Diseases, 2018, 12, e0006687.	1.3	32

#	Article	IF	Citations
19	Markers of oxidative stress in adipose tissue during Trypanosoma cruzi infection. Parasitology Research, 2014, 113, 3159-3165.	0.6	23
20	Burn-Induced Cardiac Mitochondrial Dysfunction via Interruption of the PDE5A-cGMP-PKG Pathway. International Journal of Molecular Sciences, 2020, 21, 2350.	1.8	23
21	Chemotherapeutic Efficacy of Phosphodiesterase Inhibitors in ChagasicÂCardiomyopathy. JACC Basic To Translational Science, 2016, 1, 235-250.	1.9	19
22	Cardiac Dysfunction after Burn Injury: Role of the AMPK-SIRT1-PGC1Î±-NFE2L2-ARE Pathway. Journal of the American College of Surgeons, 2020, 230, 562-571.	0.2	18
23	Cyclin A2 Is differentially expressed during oocyte maturation between gynogenetic silver crucian carp and gonochoristic color crucian carp. Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2002, 295A, 1-16.	1.3	15
24	Proteome Expression and Carbonylation Changes During Trypanosoma cruzi Infection and Chagas Disease in Rats. Molecular and Cellular Proteomics, 2012, 11, M111.010918.	2.5	15
25	Sildenafil Recovers Burn-Induced Cardiomyopathy. Cells, 2020, 9, 1393.	1.8	14
26	Effect of Mitochondrial Antioxidant (Mito-TEMPO) on Burn-Induced Cardiac Dysfunction. Journal of the American College of Surgeons, 2021, 232, 642-655.	0.2	13
27	American Trypanosomiasis. , 2009, , 1423-1450.		8
28	Trypanosoma cruzi and Chagas Disease: Innate Immunity, ROS, and Cardiovascular System. , 2016, , 183-193.		8
29	Analysis of differential expression and characterization of PIN in the gonads during sex reversal in the red-spotted grouper. Molecular and Cellular Endocrinology, 2009, 309, 32-38.	1.6	4
30	The Genetic Evidence of Burn-Induced Cardiac Mitochondrial Metabolism Dysfunction. Biomedicines, 2020, 8, 566.	1.4	4
31	Nuclear Factor Erythroid 2â€“Related Factor 2 Activation and Burn-Induced Cardiac Dysfunction. Journal of the American College of Surgeons, 2022, 234, 660-671.	0.2	4
32	Regulation of Key Immune-Related Genes in the Heart Following Burn Injury. Journal of Personalized Medicine, 2022, 12, 1007.	1.1	3
33	Preservation of Cardiac Function after Severe Burn Injury via Inhibition of Mitochondrial Oxidative Stress Pathways. Journal of the American College of Surgeons, 2019, 229, S307.	0.2	0
34	41 Changes of Mitochondria-related Gene Expression Profile Associated with Burn-induced Cardiomyopathy. Journal of Burn Care and Research, 2020, 41, S27-S28.	0.2	0
35	669 Application of In-cell Western Blot to Study Burn-induced Cardiac Dysfunction. Journal of Burn Care and Research, 2021, 42, S191-S191.	0.2	0
36	Abstract 399: Inhibition of NFE2L2-ARE Pathway by mtROS Contributes to Development of Cardiomyopathy and Left Ventricular Dysfunction in Chagas Disease. Circulation Research, 2018, 123, .	2.0	0