

Damiel Hernandez-Saavedra

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

931
citations

14
h-index

30
g-index

31
ext. papers

1,072
ext. citations

7.7
avg, IF

3.3
L-index

#	Paper	IF	Citations
27	Expression of human herpesvirus 8 in primary pulmonary hypertension. <i>New England Journal of Medicine</i> , 2003 , 349, 1113-22	59.2	237
26	Reaction of peroxyxynitrite with Mn-superoxide dismutase. Role of the metal center in decomposition kinetics and nitration. <i>Journal of Biological Chemistry</i> , 2001 , 276, 11631-8	5.4	153
25	Enhanced S-nitroso-albumin formation from inhaled NO during ischemia/reperfusion. <i>Circulation Research</i> , 2004 , 94, 559-65	15.7	85
24	TGF- β activation by bone marrow-derived thrombospondin-1 causes Schistosoma- and hypoxia-induced pulmonary hypertension. <i>Nature Communications</i> , 2017 , 8, 15494	17.4	72
23	The human immunodeficiency virus-1 Tat protein increases cell proliferation, alters sensitivity to zinc chelator-induced apoptosis, and changes Sp1 DNA binding in HeLa cells. <i>Archives of Biochemistry and Biophysics</i> , 1999 , 361, 165-72	4.1	58
22	Oral supplementation with glycine reduces oxidative stress in patients with metabolic syndrome, improving their systolic blood pressure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013 , 91, 855-60	2.4	42
21	Effect of an aqueous extract of Cucurbita ficifolia Bouché on the glutathione redox cycle in mice with STZ-induced diabetes. <i>Journal of Ethnopharmacology</i> , 2012 , 144, 101-8	5	33
20	Anti-inflammatory properties of a chimeric recombinant superoxide dismutase: SOD2/3. <i>Biomedicine and Pharmacotherapy</i> , 2005 , 59, 204-8	7.5	32
19	Paradoxical effects of thiol reagents on Jurkat cells and a new thiol-sensitive mutant form of human mitochondrial superoxide dismutase. <i>Cancer Research</i> , 2003 , 63, 159-63	10.1	28
18	Alterations in redox homeostasis and prostaglandins impair endothelial-dependent vasodilation in euglycemic autoimmune nonobese diabetic mice. <i>Free Radical Biology and Medicine</i> , 2005 , 39, 1089-98	7.8	21
17	Vascular Adaptation of the Right Ventricle in Experimental Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 59, 479-489	5.7	18
16	Rtp801 suppression of epithelial mTORC1 augments endotoxin-induced lung inflammation. <i>American Journal of Pathology</i> , 2014 , 184, 2382-9	5.8	18
15	Th2 CD4 T Cells Are Necessary and Sufficient for Schistosoma-Pulmonary Hypertension. <i>Journal of the American Heart Association</i> , 2019 , 8, e013111	6	16
14	Association of a new intronic polymorphism of the SOD2 gene (G1677T) with cancer. <i>Cell Biochemistry and Function</i> , 2009 , 27, 223-7	4.2	16
13	Chimeric SOD2/3 inhibits at the endothelial-neutrophil interface to limit vascular dysfunction in ischemia-reperfusion. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 287, G676-84	5.1	12
12	Waist perimeter cutoff points and prediction of metabolic syndrome risk. A study in a Mexican population. <i>Archives of Medical Research</i> , 2008 , 39, 346-51	6.6	10
11	Interstitial macrophage-derived thrombospondin-1 contributes to hypoxia-induced pulmonary hypertension. <i>Cardiovascular Research</i> , 2020 , 116, 2021-2030	9.9	10

10	Redox Regulation of the Superoxide Dismutases SOD3 and SOD2 in the Pulmonary Circulation. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 967, 57-70	3.6	9
9	Stable isotope metabolomics of pulmonary artery smooth muscle and endothelial cells in pulmonary hypertension and with TGF-beta treatment. <i>Scientific Reports</i> , 2020 , 10, 413	4.9	8
8	RTP801 Amplifies Nicotinamide Adenine Dinucleotide Phosphate Oxidase-4-Dependent Oxidative Stress Induced by Cigarette Smoke. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 62-73	5.7	8
7	Distribution of Sporobolomyces (Kluyver et van Niel) Genus in the Western Coast of Baja California Sur, Mexico. <i>Systematic and Applied Microbiology</i> , 1992 , 15, 319-322	4.2	8
6	Activation of a novel isoform of methionine adenosyl transferase 2A and increased S-adenosylmethionine turnover in lung epithelial cells exposed to hyperoxia. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 348-58	7.8	6
5	Paclitaxel blocks Th2-mediated TGF- β activation in Schistosoma mansoni-induced pulmonary hypertension. <i>Pulmonary Circulation</i> , 2019 , 9, 2045894018820813	2.7	6
4	Thiol-sensitive mutant forms of human SOD2, L60F, and I58T: the role of Cys140. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 1202-10	7.8	5
3	Biochemical method for chlorine dioxide determination. <i>Analytical Biochemistry</i> , 1996 , 241, 18-22	3.1	4
2	Targeting alveolar-specific succinate dehydrogenase A attenuates pulmonary inflammation during acute lung injury. <i>FASEB Journal</i> , 2021 , 35, e21468	0.9	4
1	IL-6Ra in Smooth Muscle Cells Protects against - and Hypoxia-induced Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 123-126	5.7	3