

Gonzalo Peluffo

List of Publications by Year in descending order

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27
papers

3,023
citations

304743

22
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

3678
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitro-Arachidonic Acid Prevents Angiotensin II-Induced Mitochondrial Dysfunction in a Cell Line of Kidney Proximal Tubular Cells. <i>PLoS ONE</i> , 2016, 11, e0150459.	2.5	9
2	Nitric oxide diffusion to red blood cells limits extracellular, but not intraphagosomal, peroxynitrite formation by macrophages. <i>Free Radical Biology and Medicine</i> , 2015, 87, 346-355.	2.9	22
3	Structural and Molecular Basis of the Peroxynitrite-mediated Nitration and Inactivation of <i>Trypanosoma cruzi</i> Iron-Superoxide Dismutases (Fe-SODs) A and B. <i>Journal of Biological Chemistry</i> , 2014, 289, 12760-12778.	3.4	51
4	<i>Trypanosoma cruzi</i> Antioxidant Enzymes As Virulence Factors in Chagas Disease. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 723-734.	5.4	97
5	Protective effect of diphenyl diselenide against peroxynitrite-mediated endothelial cell death: A comparison with ebselen. <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 31, 20-30.	2.7	58
6	Intraphagosomal Peroxynitrite as a Macrophage-derived Cytotoxin against Internalized <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 6627-6640.	3.4	197
7	Superoxide-mediated inactivation of nitric oxide and peroxynitrite formation by tobacco smoke in vascular endothelium: studies in cultured cells and smokers. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H1781-H1792.	3.2	76
8	Fighting the oxidative assault: the <i>Trypanosoma cruzi</i> journey to infection. <i>Current Opinion in Microbiology</i> , 2009, 12, 415-421.	5.1	110
9	Protein tyrosine nitration—Functional alteration or just a biomarker?. <i>Free Radical Biology and Medicine</i> , 2008, 45, 357-366.	2.9	367
10	Peroxiredoxins play a major role in protecting <i>Trypanosoma cruzi</i> against macrophage- and endogenously-derived peroxynitrite. <i>Biochemical Journal</i> , 2008, 410, 359-368.	3.7	122
11	Tyrosine Nitration, Dimerization, and Hydroxylation by Peroxynitrite in Membranes as Studied by the Hydrophobic Probe N-t-BOC-l-tyrosine tert-Butyl Ester. <i>Methods in Enzymology</i> , 2008, 441, 217-236.	1.0	14
12	Mitochondrial superoxide radicals mediate programmed cell death in <i>Trypanosoma cruzi</i> : cytoprotective action of mitochondrial iron superoxide dismutase overexpression. <i>Biochemical Journal</i> , 2007, 403, 323-334.	3.7	125
13	Biochemistry of protein tyrosine nitration in cardiovascular pathology. <i>Cardiovascular Research</i> , 2007, 75, 291-302.	3.8	257
14	Incorporation of the Hydrophobic Probe N-t-BOC-l-tyrosine tert-Butyl Ester to Red Blood Cell Membranes To Study Peroxynitrite-Dependent Reactions. <i>Chemical Research in Toxicology</i> , 2007, 20, 1638-1648.	3.3	15
15	Reaction of the carbonate radical with the spin-trap 5,5-dimethyl-1-pyrroline-N-oxide in chemical and cellular systems: Pulse radiolysis, electron paramagnetic resonance, and kinetic-competition studies. <i>Free Radical Biology and Medicine</i> , 2007, 43, 1523-1533.	2.9	27
16	Mechanistic Studies of Peroxynitrite-Mediated Tyrosine Nitration in Membranes Using the Hydrophobic Probe N-t-BOC-l-tyrosine tert-Butyl Ester. <i>Biochemistry</i> , 2006, 45, 6813-6825.	2.5	74
17	l-arginine metabolism during interaction of <i>Trypanosoma cruzi</i> with host cells. <i>Trends in Parasitology</i> , 2004, 20, 363-369.	3.3	52
18	Septic diaphragmatic dysfunction is prevented by Mn(III)porphyrin therapy and inducible nitric oxide synthase inhibition. <i>Intensive Care Medicine</i> , 2004, 30, 2271-2278.	8.2	59

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19	Macrophage-derived peroxynitrite diffusion and toxicity to <i>Trypanosoma cruzi</i> . Archives of Biochemistry and Biophysics, 2004, 432, 222-232.	3.0	126
20	l-arginine metabolism in <i>Trypanosoma cruzi</i> in the regulation of programmed cell death. Methods in Enzymology, 2002, 359, 286-302.	1.0	5
21	Unraveling peroxynitrite formation in biological systems. Free Radical Biology and Medicine, 2001, 30, 463-488.	2.9	677
22	UNRAVELING PEROXYNITRITE FORMATION IN BIOLOGICAL SYSTEMS. , 2001, , 236-261.		0
23	Synthesis and antitrypanosomal evaluation of E-isomers of 5-nitro-2-furaldehyde and 5-nitrothiophene-2-carboxaldehyde semicarbazone derivatives. Structure-activity relationships.. European Journal of Medicinal Chemistry, 2000, 35, 343-350.	5.5	92
24	Peroxynitrite affects Ca ²⁺ transport in <i>Trypanosoma cruzi</i> . Molecular and Biochemical Parasitology, 1999, 98, 81-91.	1.1	22
25	1,2,5-OxadiazoleN-Oxide Derivatives and Related Compounds as Potential Antitrypanosomal Drugs: Structure-Activity Relationships. Journal of Medicinal Chemistry, 1999, 42, 1941-1950.	6.4	136
26	Synthesis and anti-trypanosomal activity of novel 5-nitro-2-furaldehyde and 5-nitrothiophene-2-carboxaldehyde semicarbazone derivatives. Il Farmaco, 1998, 53, 89-94.	0.9	65
27	Xanthine Oxidase-mediated Decomposition of S-Nitrosothiols. Journal of Biological Chemistry, 1998, 273, 7828-7834.	3.4	167