

Paschalis-Thomas Doulias

List of Publications by Year in Descending Order

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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.

47
papers

2,737
citations

27
h-index

52
g-index

69
ext. papers

3,158
ext. citations

8.5
avg, IF

4.63
L-index

#	Paper	IF	Citations
47	ASS1 and ASL suppress growth in clear cell renal cell carcinoma via altered nitrogen metabolism. <i>Cancer & Metabolism</i> , 2021 , 9, 40	5.4	1
46	TCA cycle metabolic compromise due to an aberrant S-nitrosoproteome in HIV-associated neurocognitive disorder with methamphetamine use. <i>Journal of NeuroVirology</i> , 2021 , 27, 367-378	3.9	1
45	Multimodality assessment of heart failure with preserved ejection fraction skeletal muscle reveals differences in the machinery of energy fuel metabolism. <i>ESC Heart Failure</i> , 2021 , 8, 2698-2712	3.7	6
44	The effect of dietary nitrate on exercise capacity in chronic kidney disease: a randomized controlled pilot study. <i>Nitric Oxide - Biology and Chemistry</i> , 2021 , 106, 17-23	5	1
43	Endogenous S-nitrosocysteine proteomic inventories identify a core of proteins in heart metabolic pathways. <i>Redox Biology</i> , 2021 , 47, 102153	11.3	1
42	Organic mercury solid phase chemoselective capture for proteomic identification of S-nitrosated proteins and peptides. <i>Nitric Oxide - Biology and Chemistry</i> , 2021 , 117, 1-6	5	1
41	Systematic elucidation of neuron-astrocyte interaction in models of amyotrophic lateral sclerosis using multi-modal integrated bioinformatics workflow. <i>Nature Communications</i> , 2020 , 11, 5579	17.4	12
40	AMPA Receptor Surface Expression Is Regulated by S-Nitrosylation of Thorase and Transnitrosylation of NSF. <i>Cell Reports</i> , 2020 , 33, 108329	10.6	4
39	The Metabolomic Signature of the Placenta in Spontaneous Preterm Birth. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	14
38	Endothelial nitric oxide synthase-derived nitric oxide in the regulation of metabolism. <i>F1000Research</i> , 2020 , 9,	3.6	7
37	Diet-Induced Circadian Enhancer Remodeling Synchronizes Opposing Hepatic Lipid Metabolic Processes. <i>Cell</i> , 2018 , 174, 831-842.e12	56.2	90
36	Host Nitric Oxide Disrupts Microbial Cell-to-Cell Communication to Inhibit Staphylococcal Virulence. <i>Cell Host and Microbe</i> , 2018 , 23, 594-606.e7	23.4	28
35	Nitric Oxide Disrupts Zinc Homeostasis in Salmonella enterica Serovar Typhimurium. <i>MBio</i> , 2018 , 9,	7.8	20
34	Oral nitrite restores age-dependent phenotypes in eNOS-null mice. <i>JCI Insight</i> , 2018 , 3,	9.9	8
33	Analysis of Cysteine Post Translational Modifications Using Organic Mercury Resin. <i>Current Protocols in Protein Science</i> , 2018 , 94, e69	3.1	3
32	Pharmacokinetics and Pharmacodynamics of Inorganic Nitrate in Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2017 , 120, 1151-1161	15.7	43
31	Hepatic metal ion transporter ZIP8 regulates manganese homeostasis and manganese-dependent enzyme activity. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2407-2417	15.9	90

30	Heart Failure, Left Ventricular Remodeling, and Circulating Nitric Oxide Metabolites. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	28
29	Effect of Heart Failure With Preserved Ejection Fraction on Nitric Oxide Metabolites. <i>American Journal of Cardiology</i> , 2016 , 118, 1855-1860	3	11
28	Regulation of brain glutamate metabolism by nitric oxide and S-nitrosylation. <i>Science Signaling</i> , 2015 , 8, ra68	8.8	84
27	Strategies for correcting very long chain acyl-CoA dehydrogenase deficiency. <i>Journal of Biological Chemistry</i> , 2015 , 290, 10486-94	5.4	6
26	S-Nitrosylation of Calcium-Handling Proteins in Cardiac Adrenergic Signaling and Hypertrophy. <i>Circulation Research</i> , 2015 , 117, 793-803	15.7	45
25	Effect of inorganic nitrate on exercise capacity in heart failure with preserved ejection fraction. <i>Circulation</i> , 2015 , 131, 371-80; discussion 380	16.7	203
24	The 4-cysteine zinc-finger motif of the RNA polymerase regulator DksA serves as a thiol switch for sensing oxidative and nitrosative stress. <i>Molecular Microbiology</i> , 2014 , 91, 790-804	4.1	46
23	Neutralizing Th2 inflammation in neonatal islets prevents β cell failure in adult IUGR rats. <i>Diabetes</i> , 2014 , 63, 1672-84	0.9	22
22	Inorganic Nitrate Supplementation Improves Exercise Capacity in Subjects with HF with Preserved EF - A Pilot Study. <i>Journal of Cardiac Failure</i> , 2014 , 20, S4	3.3	2
21	Protein microarray characterization of the S-nitrosoproteome. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 63-72	7.6	49
20	Site specific identification of endogenous S-nitrosocysteine proteomes. <i>Journal of Proteomics</i> , 2013 , 92, 195-203	3.9	18
19	Regulation of protein function and signaling by reversible cysteine S-nitrosylation. <i>Journal of Biological Chemistry</i> , 2013 , 288, 26473-9	5.4	198
18	Nitric oxide regulates mitochondrial fatty acid metabolism through reversible protein S-nitrosylation. <i>Science Signaling</i> , 2013 , 6, rs1	8.8	169
17	Mass spectrometry-based identification of S-nitrosocysteine in vivo using organic mercury assisted enrichment. <i>Methods</i> , 2013 , 62, 165-70	4.6	22
16	Strategies and tools to explore protein S-nitrosylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 684-8	4	27
15	Immunoglobulins against tyrosine-nitrated epitopes in coronary artery disease. <i>Circulation</i> , 2012 , 126, 2392-401	16.7	36
14	T2R38 taste receptor polymorphisms underlie susceptibility to upper respiratory infection. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4145-59	15.9	365
13	Structural profiling of endogenous S-nitrosocysteine residues reveals unique features that accommodate diverse mechanisms for protein S-nitrosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 16958-63	11.5	216

12	Lymphocyte development requires S-nitrosoglutathione reductase. <i>Journal of Immunology</i> , 2010 , 185, 6664-9	5.3	52
11	Flow cytometric estimation of labile iron pool in human white blood cells reveals a positive association with ageing. <i>Free Radical Research</i> , 2008 , 42, 253-9	4	13
10	Involvement of heat shock protein-70 in the mechanism of hydrogen peroxide-induced DNA damage: the role of lysosomes and iron. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 567-77	7.8	56
9	Does the calcein-AM method assay the total cellular labile iron pool or only a fraction of it?. <i>Biochemical Journal</i> , 2007 , 403, 261-6	3.8	97
8	Protection by tropolones against H ₂ O ₂ -induced DNA damage and apoptosis in cultured Jurkat cells. <i>Free Radical Research</i> , 2005 , 39, 125-35	4	30
7	Role of compartmentalized redox-active iron in hydrogen peroxide-induced DNA damage and apoptosis. <i>Biochemical Journal</i> , 2005 , 387, 703-10	3.8	97
6	DNA protecting and genotoxic effects of olive oil related components in cells exposed to hydrogen peroxide. <i>Free Radical Research</i> , 2005 , 39, 787-95	4	69
5	Endosomal and lysosomal effects of desferrioxamine: protection of HeLa cells from hydrogen peroxide-induced DNA damage and induction of cell-cycle arrest. <i>Free Radical Biology and Medicine</i> , 2003 , 35, 719-28	7.8	80
4	DNA damage and apoptosis in hydrogen peroxide-exposed Jurkat cells: bolus addition versus continuous generation of H ₂ O ₂ . <i>Free Radical Biology and Medicine</i> , 2002 , 33, 691-702	7.8	145
3	SIN-1-induced DNA damage in isolated human peripheral blood lymphocytes as assessed by single cell gel electrophoresis (comet assay). <i>Free Radical Biology and Medicine</i> , 2001 , 30, 679-85	7.8	47
2	Trimetazidine protects low-density lipoproteins from oxidation and cultured cells exposed to H ₂ O ₂ from DNA damage. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 1357-64	7.8	32
1	Intracellular iron, but not copper, plays a critical role in hydrogen peroxide-induced DNA damage. <i>Free Radical Biology and Medicine</i> , 2001 , 31, 490-8	7.8	142