Maria Monsalve

List of Publications by Year
in descending order

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53
papers

4,324
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136740
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168136
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docs citations

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times ranked

7106
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Features of Cytochrome b5â€"Cytochrome b5 Reductase Complex Formation and Implications for the Intramolecular Dynamics of Cytochrome b5 Reductase. International Journal of Molecular Sciences, 2022, 23, 118.	1.8	6
2	Mitophagy in Human Diseases. International Journal of Molecular Sciences, 2021, 22, 3903.	1.8	91
3	MiRâ€•9â€•5p protects from kidney fibrosis by metabolic reprogramming. FASEB Journal, 2020, 34, 410-431.	0.2	50
4	Metabolic adaptations in spontaneously immortalized PGC-1Î± knock-out mouse embryonic fibroblasts increase their oncogenic potential. Redox Biology, 2020, 29, 101396.	3.9	12
5	Nuclear Factor Kappa B Signaling Complexes in Acute Inflammation. Antioxidants and Redox Signaling, 2020, 33, 145-165.	2.5	47
6	Impairment of PGC-1 Alpha Up-Regulation Enhances Nitrosative Stress in the Liver during Acute Pancreatitis in Obese Mice. Antioxidants, 2020, 9, 887.	2.2	6
7	Targeting Lipid Peroxidation for Cancer Treatment. Molecules, 2020, 25, 5144.	1.7	51
8	The Role of PGC-1Î± and Mitochondrial Biogenesis in Kidney Diseases. Biomolecules, 2020, 10, 347.	1.8	118
9	<i>Pgc1a</i>is responsible for the sex differences in hepatic<i>Cidec/Fsp27Î²</i>mRNA expression in hepatic steatosis of mice fed a Western diet. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E249-E261.	1.8	21
10	Obesity causes PGCâ€•1Î± deficiency in the pancreas leading to marked ILâ€•6 upregulation via NFâ€•ÎºB in acute pancreatitis. Journal of Pathology, 2019, 247, 48-59.	2.1	37
11	Melatonin Effects on Non-Alcoholic Fatty Liver Disease Are Related to MicroRNA-34a-5p/Sirt1 Axis and Autophagy. Cells, 2019, 8, 1053.	1.8	59
12	PGCâ€•1Î± deficiency causes spontaneous kidney inflammation and increases the severity of nephrotoxic AKI. Journal of Pathology, 2019, 249, 65-78.	2.1	70
13	Early induction of senescence and immortalization in PGC-1Î±-deficient mouse embryonic fibroblasts. Free Radical Biology and Medicine, 2019, 138, 23-32.	1.3	6
14	Perspective: Mitochondria-ER Contacts in Metabolic Cellular Stress Assessed by Microscopy. Cells, 2019, 8, 5.	1.8	26
15	Methodological Approach for the Evaluation of FOXO as a Positive Regulator of Antioxidant Genes. Methods in Molecular Biology, 2019, 1890, 61-76.	0.4	7
16	SIRT1 Controls Acetaminophen Hepatotoxicity by Modulating Inflammation and Oxidative Stress. Antioxidants and Redox Signaling, 2018, 28, 1187-1208.	2.5	97
17	Taurine Supplementation Alleviates Puromycin Aminonucleoside Damage by Modulating Endoplasmic Reticulum Stress and Mitochondrial-Related Apoptosis in Rat Kidney. Nutrients, 2018, 10, 689.	1.7	19
18	Diphenyl diselenide (PhSe)2 cytoprotective effect on endothelial cells exposed to nitroxidative stress. Free Radical Biology and Medicine, 2018, 120, S154.	1.3	0

#	Article	IF	Citations
19	PGC-1Î± Downregulation in Steatotic Liver Enhances Ischemia-Reperfusion Injury and Impairs Ischemic Preconditioning. Antioxidants and Redox Signaling, 2017, 27, 1332-1346.	2.5	22
20	ROS homeostasis, a key determinant in liver ischemic-preconditioning. Redox Biology, 2017, 12, 1020-1025.	3.9	54
21	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). Redox Biology, 2017, 13, 94-162.	3.9	242
22	Heme-Oxygenase I and PCG-1Î± Regulate Mitochondrial Biogenesis <i>via</i> Microglial Activation of Alpha7 Nicotinic Acetylcholine Receptors Using PNU282987. Antioxidants and Redox Signaling, 2017, 27, 93-105.	2.5	56
23	Oxidative stress induces loss of pericyte coverage and vascular instability in PGC-1Î±-deficient mice. Angiogenesis, 2016, 19, 217-228.	3.7	32
24	Regulation of endothelial dynamics by PGC-1Î± relies on ROS control of VEGF-A signaling. Free Radical Biology and Medicine, 2016, 93, 41-51.	1.3	25
25	The inflammatory cytokine TWEAK decreases PGC-1Î± expression and mitochondrial function in acute kidney injury. Kidney International, 2016, 89, 399-410.	2.6	103
26	Blood PGC-1Î± Concentration Predicts Myocardial Salvage and Ventricular Remodeling After ST-segment Elevation Acute Myocardial Infarction. Revista Espanola De Cardiologia (English Ed), 2015, 68, 408-416.	0.4	7
27	Redox regulation of FoxO transcription factors. Redox Biology, 2015, 6, 51-72.	3.9	566
28	mRNA PGC-1Î± levels in blood samples reliably correlates with its myocardial expression: study in patients undergoing cardiac surgery. Anatolian Journal of Cardiology, 2015, 16, 622-629.	0.5	7
29	Control of endothelial function and angiogenesis by PGC-1Î± relies on ROS control of vascular stability. Free Radical Biology and Medicine, 2014, 75, S5.	1.3	15
30	SirT1 Regulation of Antioxidant Genes Is Dependent on the Formation of a FoxO3a/PGC-1Î± Complex. Antioxidants and Redox Signaling, 2013, 19, 1507-1521.	2.5	233
31	The non-canonical NOTCH ligand DLK1 exhibits a novel vascular role as a strong inhibitor of angiogenesis. Cardiovascular Research, 2012, 93, 232-241.	1.8	65
32	Peroxisome Proliferator-Activated Receptors-Î± and -Î³, and cAMP-Mediated Pathways, Control Retinol-Binding Protein-4 Gene Expression in Brown Adipose Tissue. Endocrinology, 2012, 153, 1162-1173.	1.4	47
33	Age associated low mitochondrial biogenesis may be explained by lack of response of PGC-1Î± to exercise training. Age, 2012, 34, 669-679.	3.0	109
34	Mitochondrial biogenesis fails in secondary biliary cirrhosis in rats leading to mitochondrial DNA depletion and deletions. American Journal of Physiology - Renal Physiology, 2011, 301, G119-G127.	1.6	43
35	PGC-1Î± Regulates Translocated in Liposarcoma Activity: Role in Oxidative Stress Gene Expression. Antioxidants and Redox Signaling, 2011, 15, 325-337.	2.5	24
36	The Complex Biology of FOXO. Current Drug Targets, 2011, 12, 1322-1350.	1.0	110

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37	Peroxisome Proliferator-activated Receptor Î± (PPARÎ±) Induces PPARÎ³ Coactivator 1Î± (PGC-1Î±) Gene Expression and Contributes to Thermogenic Activation of Brown Fat. Journal of Biological Chemistry, 2011, 286, 43112-43122.	1.6	256
38	Induction of PGC-1Î± Expression Can Be Detected in Blood Samples of Patients with ST-Segment Elevation Acute Myocardial Infarction. PLoS ONE, 2011, 6, e26913.	1.1	16
39	Inactivation of Foxo3a and Subsequent Downregulation of PGC-1Î± Mediate Nitric Oxide-Induced Endothelial Cell Migration. Molecular and Cellular Biology, 2010, 30, 4035-4044.	1.1	71
40	Mutual Dependence of Foxo3a and PGC-1Î± in the Induction of Oxidative Stress Genes. Journal of Biological Chemistry, 2009, 284, 14476-14484.	1.6	194
41	Mitochondrial dysfunction in human pathologies. Frontiers in Bioscience - Landmark, 2007, 12, 1131.	3.0	64
42	Nitric oxide regulates mitochondrial oxidative stress protection via the transcriptional coactivator PGCâ€•1Î±. FASEB Journal, 2006, 20, 1889-1891.	0.2	132
43	PGC-1Î± regulates the mitochondrial antioxidant defense system in vascular endothelial cells. Cardiovascular Research, 2005, 66, 562-573.	1.8	470
44	A mutation in the C-terminal domain of the RNA polymerase alpha subunit that destabilizes the open complexes formed at the phage Ï†29 late A3 promoter11Edited by I. B. Holland. Journal of Molecular Biology, 2001, 307, 487-497.	2.0	8
45	Direct Coupling of Transcription and mRNA Processing through the Thermogenic Coactivator PGC-1. Molecular Cell, 2000, 6, 307-316.	4.5	354
46	The switch from early to late transcription in phage GA-1: characterization of the regulatory protein p4G. Journal of Molecular Biology, 1999, 290, 917-928.	2.0	7
47	Substitution of the C-terminal domain of the Escherichia coli RNA polymerase Î± subunit by that from Bacillus subtilis makes the enzyme responsive to a Bacillus subtilis transcriptional activator 1 1Edited by M. Gottesman. Journal of Molecular Biology, 1998, 275, 177-185.	2.0	18
48	Binding of phage Î¦29 protein p4 to the early A2c promoter: recruitment of a repressor by the RNA polymerase. Journal of Molecular Biology, 1998, 283, 559-569.	2.0	24
49	Transcription Activation and Repression by Interaction of a Regulator with the Î± Subunit of RNA Polymerase: The Model of Phage Ï•29 Protein p4. Progress in Molecular Biology and Translational Science, 1998, 60, 29-46.	1.9	40
50	Transcription Activation or Repression by Phage Î¦29 Protein p4 Depends on the Strength of the RNA Polymeraseâ€"Promoter Interactions. Molecular Cell, 1997, 1, 99-107.	4.5	58
51	Transcription activation by phage phi29 protein p4 is mediated by interaction with the alpha subunit of Bacillus subtilis RNA polymerase.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 6616-6620.	3.3	51
52	Transcriptional activator of phage ?29 late promoter: mapping of residues involved in interaction with RNA polymerase and in DNA bending. Molecular Microbiology, 1996, 20, 273-282.	1.2	27
53	Transcription Regulation in Bacillus subtilis Phage Î¦29: Expression of the Viral Promoters throughout the Infection Cycle. Virology, 1995, 207, 23-31.	1.1	48