

# Timoteo Marchini

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,305  
citations

331259

21  
h-index

360668

35  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Skin Damage Mechanisms Related to Airborne Particulate Matter Exposure. <i>Toxicological Sciences</i> , 2016, 149, 227-236.	1.4	141
2	Platelet Serotonin Aggravates Myocardial Ischemia/Reperfusion Injury via Neutrophil Degranulation. <i>Circulation</i> , 2019, 139, 918-931.	1.6	100
3	Binding of CD40L to Mac-1's I-Domain Involves the EQLKSKTL Motif and Mediates Leukocyte Recruitment and Atherosclerosisâ€™ But Does Not Affect Immunity and Thrombosis in Mice. <i>Circulation Research</i> , 2011, 109, 1269-1279.	2.0	91
4	A ligand-specific blockade of the integrin Mac-1 selectively targets pathologic inflammation while maintaining protective host-defense. <i>Nature Communications</i> , 2018, 9, 525.	5.8	72
5	Extracellular ATP Induces Vascular Inflammation and Atherosclerosis via Purinergic Receptor Y <sub>2</sub> in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1577-1586.	1.1	67
6	Cardiac mitochondrial biogenesis in endotoxemia is not accompanied by mitochondrial function recovery. <i>Free Radical Biology and Medicine</i> , 2014, 77, 1-9.	1.3	56
7	P2Y <sub>6</sub> Deficiency Limits Vascular Inflammation and Atherosclerosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2237-2245.	1.1	54
8	Acute exposure to air pollution particulate matter aggravates experimental myocardial infarction in mice by potentiating cytokine secretion from lung macrophages. <i>Basic Research in Cardiology</i> , 2016, 111, 44.	2.5	52
9	Time course of systemic oxidative stress and inflammatory response induced by an acute exposure to Residual Oil Fly Ash. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 274-282.	1.3	50
10	Impaired cardiac mitochondrial function and contractile reserve following an acute exposure to environmental particulate matter. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2545-2552.	1.1	47
11	Pathogenic Role of Air Pollution Particulate Matter in Cardiometabolic Disease: Evidence from Mice and Humans. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 263-279.	2.5	39
12	Reactive oxygen species produced by NADPH oxidase and mitochondrial dysfunction in lung after an acute exposure to Residual Oil Fly Ashes. <i>Toxicology and Applied Pharmacology</i> , 2013, 270, 31-38.	1.3	37
13	Lung oxidative metabolism after exposure to ambient particles. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 667-672.	1.0	34
14	Impaired SIRT3 activity mediates cardiac dysfunction in endotoxemia by calpain-dependent disruption of ATP synthesis. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 138-147.	0.9	33
15	Inflammatory Cell Recruitment in Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 635527.	1.8	31
16	Myocardial triggers involved in activation of remote ischaemic preconditioning. <i>Experimental Physiology</i> , 2016, 101, 708-716.	0.9	28
17	Mitochondrial bioenergetics links inflammation and cardiac contractility in endotoxemia. <i>Basic Research in Cardiology</i> , 2019, 114, 38.	2.5	27
18	Selective TNF-Î± targeting with infliximab attenuates impaired oxygen metabolism and contractile function induced by an acute exposure to air particulate matter. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1621-H1628.	1.5	25

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19	Inflammation, but not recruitment, of adipose tissue macrophages requires signalling through Mac-1 (CD11b/CD18) in diet-induced obesity (DIO). <i>Thrombosis and Haemostasis</i> , 2017, 117, 325-338.	1.8	25
20	Role of Mitochondria in the Redox Signaling Network and Its Outcomes in High Impact Inflammatory Syndromes. <i>Frontiers in Endocrinology</i> , 2020, 11, 568305.	1.5	23
21	Interruption of classic CD40L-CD40 signalling but not of the novel CD40L-Mac-1 interaction limits arterial neointima formation in mice. <i>Thrombosis and Haemostasis</i> , 2014, 112, 379-389.	1.8	21
22	Role of transition metals present in air particulate matter on lung oxygen metabolism. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 419-426.	1.2	21
23	Ischemic postconditioning confers cardioprotection and prevents reduction of Trx-1 in young mice, but not in middle-aged and old mice. <i>Molecular and Cellular Biochemistry</i> , 2016, 415, 67-76.	1.4	21
24	Inflammatory Pathways Regulated by Tumor Necrosis Receptor-Associated Factor 1 Protect From Metabolic Consequences in Diet-Induced Obesity. <i>Circulation Research</i> , 2018, 122, 693-700.	2.0	19
25	Urban air pollution induces redox imbalance and epithelium hyperplasia in mice cornea. <i>Toxicology and Applied Pharmacology</i> , 2019, 384, 114770.	1.3	17
26	NADPH oxidase and mitochondria are relevant sources of superoxide anion in the oxinflammatory response of macrophages exposed to airborne particulate matter. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111186.	2.9	17
27	ApoB-Specific CD4+ T Cells in Mouse and Human Atherosclerosis. <i>Cells</i> , 2021, 10, 446.	1.8	17
28	Alterations in oxygen metabolism are associated to lung toxicity triggered by silver nanoparticles exposure. <i>Free Radical Biology and Medicine</i> , 2021, 166, 324-336.	1.3	16
29	Î±-Lipoic acid protects kidney from oxidative stress and mitochondrial dysfunction associated to inflammatory conditions. <i>Food and Function</i> , 2014, 5, 3143-3150.	2.1	14
30	Deficiency of Endothelial CD40 Induces a Stable Plaque Phenotype and Limits Inflammatory Cell Recruitment to Atherosclerotic Lesions in Mice. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1530-1540.	1.8	14
31	Adenosine A <sub>1</sub> receptors and mitochondria: targets of remote ischemic preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H743-H750.	1.5	13
32	Induction of ABCG2/BCRP restricts the distribution of zidovudine to the fetal brain in rats. <i>Toxicology and Applied Pharmacology</i> , 2017, 330, 74-83.	1.3	12
33	Inhibition of endogenous thioredoxin-1 in the heart of transgenic mice does not confer cardioprotection in ischemic postconditioning. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 315-322.	1.2	11
34	Antioxidant Activity of Flavonoid Rich Fraction of <i>Ligaria cuneifolia</i> (Loranthaceae). <i>Chemistry and Biodiversity</i> , 2020, 17, e2000302.	1.0	10
35	Mitochondrial function is impaired in the primary visual cortex in an experimental glaucoma model. <i>Archives of Biochemistry and Biophysics</i> , 2021, 701, 108815.	1.4	9
36	Chronic exposure to polluted urban air aggravates myocardial infarction by impaired cardiac mitochondrial function and dynamics. <i>Environmental Pollution</i> , 2022, 295, 118677.	3.7	9

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37	Genetic Deficiency of TRAF5 Promotes Adipose Tissue Inflammation and Aggravates Diet-Induced Obesity in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2563-2574.	1.1	8
38	Urban air pollution induces alterations in redox metabolism and mitochondrial dysfunction in mice brain cortex. <i>Archives of Biochemistry and Biophysics</i> , 2021, 704, 108875.	1.4	7
39	The Role of Tumor Necrosis Factor Associated Factors (TRAFs) in Vascular Inflammation and Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 826630.	1.1	7
40	Energy management and mitochondrial dynamics in cerebral cortex during endotoxemia. <i>Archives of Biochemistry and Biophysics</i> , 2021, 705, 108900.	1.4	5
41	Modulating Autoimmunity against LDL: Development of a Vaccine against Atherosclerosis. <i>Hamostaseologie</i> , 2021, 41, 447-457.	0.9	2
42	Air particulate matter as enhancer of ozone-induced skin damage. <i>Free Radical Biology and Medicine</i> , 2017, 108, S67.	1.3	1
43	Oxidative metabolism in the cardiorespiratory system after an acute exposure to nickel-doped nanoparticles in mice. <i>Toxicology</i> , 2021, 464, 153020.	2.0	1
44	Circulating Autoantibodies Recognizing Immunodominant Epitopes From Human Apolipoprotein B Associate With Cardiometabolic Risk Factors, but Not With Atherosclerotic Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 826729.	1.1	1
45	Energy Mismanagement and Mitochondrial Dynamics in Cerebral Cortex During Endotoxemia. <i>Free Radical Biology and Medicine</i> , 2020, 159, S67-S68.	1.3	0
46	Urban Air Pollution Induces Oxidative Stress, Inflammation And Mitochondrial Dysfunction In Mice Brain Cortex And Olfactory bulb. <i>Free Radical Biology and Medicine</i> , 2020, 159, S79.	1.3	0
47	Bioenergetic profiling in the skin. , 2021, , 285-308.		0
48	Impaired lung redox metabolism and cardiac mitochondrial function aggravates myocardial infarction in a mice model of chronic exposure to urban air pollution. <i>Free Radical Biology and Medicine</i> , 2021, 165, 23.	1.3	0
49	The role of mitochondria in inflammatory syndromes. <i>Biocell</i> , 2016, 40, 47-50.	0.4	0
50	Inhaled Particulate Matter Leads to Myocardial Dysfunction. , 2016, , 275-285.		0
51	The Tell Tale Heart. <i>Journal of Science Humanities and Arts - JOSHA</i> , 2015, 7, .	0.0	0
52	Corazã delator - The Tell-Tale Heart. <i>Journal of Science Humanities and Arts - JOSHA</i> , 2015, 7, .	0.0	0