

# Timoteo Marchini

## List of Publications by Citations

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46  
papers

892  
citations

17  
h-index

29  
g-index

53  
ext. papers

1,108  
ext. citations

6.6  
avg, IF

4.14  
L-index

#	Paper	IF	Citations
46	Skin Damage Mechanisms Related to Airborne Particulate Matter Exposure. <i>Toxicological Sciences</i> , <b>2016</b> , 149, 227-36	4.4	106
45	Binding of CD40L to Mac-1 $\beta$ I-domain involves the EQLKKSRTL motif and mediates leukocyte recruitment and atherosclerosis--but does not affect immunity and thrombosis in mice. <i>Circulation Research</i> , <b>2011</b> , 109, 1269-79	15.7	75
44	Platelet Serotonin Aggravates Myocardial Ischemia/Reperfusion Injury via Neutrophil Degranulation. <i>Circulation</i> , <b>2019</b> , 139, 918-931	16.7	58
43	A ligand-specific blockade of the integrin Mac-1 selectively targets pathologic inflammation while maintaining protective host-defense. <i>Nature Communications</i> , <b>2018</b> , 9, 525	17.4	57
42	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> , <b>2014</b> , 274, 274-82	4.6	45
41	P2Y6 deficiency limits vascular inflammation and atherosclerosis in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 2237-45	9.4	44
40	Impaired cardiac mitochondrial function and contractile reserve following an acute exposure to environmental particulate matter. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2013</b> , 1830, 2545-52	4	42
39	Extracellular ATP Induces Vascular Inflammation and Atherosclerosis via Purinergic Receptor Y2 in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 1577-86	9.4	40
38	Cardiac mitochondrial biogenesis in endotoxemia is not accompanied by mitochondrial function recovery. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 77, 1-9	7.8	40
37	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> , <b>2016</b> , 111, 44	11.8	38
36	Lung oxidative metabolism after exposure to ambient particles. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 412, 667-72	3.4	32
35	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> , <b>2013</b> , 270, 31-8	4.6	28
34	Selective TNF- $\beta$ 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> , <b>2015</b> , 309, H1621-8	5.2	22
33	Pathogenic Role of Air Pollution Particulate Matter in Cardiometabolic Disease: Evidence from Mice and Humans. <i>Antioxidants and Redox Signaling</i> , <b>2020</b> , 33, 263-279	8.4	22
32	Myocardial triggers involved in activation of remote ischaemic preconditioning. <i>Experimental Physiology</i> , <b>2016</b> , 101, 708-16	2.4	21
31	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> , <b>2014</b> , 112, 379-89	7	19
30	Role of transition metals present in air particulate matter on lung oxygen metabolism. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2016</b> , 81, 419-426	5.6	18

29	Impaired SIRT3 activity mediates cardiac dysfunction in endotoxemia by calpain-dependent disruption of ATP synthesis. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 133, 138-147	5.8	16
28	Mitochondrial bioenergetics links inflammation and cardiac contractility in endotoxemia. <i>Basic Research in Cardiology</i> , <b>2019</b> , 114, 38	11.8	16
27	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> , <b>2016</b> , 415, 67-76	4.2	15
26	Inflammatory Cell Recruitment in Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 635527	5.7	15
25	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> , <b>2017</b> , 117, 325-338	7	14
24	Role of Mitochondria in the Redox Signaling Network and Its Outcomes in High Impact Inflammatory Syndromes. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 568305	5.7	14
23	Inflammatory Pathways Regulated by Tumor Necrosis Receptor-Associated Factor 1 Protect From Metabolic Consequences in Diet-Induced Obesity. <i>Circulation Research</i> , <b>2018</b> , 122, 693-700	15.7	12
22	Lipoic acid protects kidney from oxidative stress and mitochondrial dysfunction associated to inflammatory conditions. <i>Food and Function</i> , <b>2014</b> , 5, 3143-50	6.1	11
21	Urban air pollution induces redox imbalance and epithelium hyperplasia in mice cornea. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 384, 114770	4.6	10
20	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> , <b>2016</b> , 81, 315-322	5.6	9
19	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> , <b>2020</b> , 205, 111186	7	8
18	Induction of ABCG2/BCRP restricts the distribution of zidovudine to the fetal brain in rats. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 330, 74-83	4.6	7
17	Adenosine A receptors and mitochondria: targets of remote ischemic preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 316, H743-H750	5.2	6
16	Alterations in oxygen metabolism are associated to lung toxicity triggered by silver nanoparticles exposure. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 166, 324-336	7.8	6
15	ApoB-Specific CD4 T Cells in Mouse and Human Atherosclerosis. <i>Cells</i> , <b>2021</b> , 10,	7.9	5
14	Deficiency of Endothelial CD40 Induces a Stable Plaque Phenotype and Limits Inflammatory Cell Recruitment to Atherosclerotic Lesions in Mice. <i>Thrombosis and Haemostasis</i> , <b>2021</b> , 121, 1530-1540	7	5
13	Antioxidant Activity of Flavonoid Rich Fraction of <i>Ligaria cuneifolia</i> (Loranthaceae). <i>Chemistry and Biodiversity</i> , <b>2020</b> , 17, e2000302	2.5	4
12	Mitochondrial function is impaired in the primary visual cortex in an experimental glaucoma model. <i>Archives of Biochemistry and Biophysics</i> , <b>2021</b> , 701, 108815	4.1	2

11	Urban air pollution induces alterations in redox metabolism and mitochondrial dysfunction in mice brain cortex. <i>Archives of Biochemistry and Biophysics</i> , <b>2021</b> , 704, 108875	4.1	2
10	Energy management and mitochondrial dynamics in cerebral cortex during endotoxemia. <i>Archives of Biochemistry and Biophysics</i> , <b>2021</b> , 705, 108900	4.1	2
9	Genetic Deficiency of TRAF5 Promotes Adipose Tissue Inflammation and Aggravates Diet-Induced Obesity in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 2563-2574	9.4	2
8	Oxidative metabolism in the cardiorespiratory system after an acute exposure to nickel-doped nanoparticles in mice. <i>Toxicology</i> , <b>2021</b> , 464, 153020	4.4	1
7	Chronic exposure to polluted urban air aggravates myocardial infarction by impaired cardiac mitochondrial function and dynamics.. <i>Environmental Pollution</i> , <b>2021</b> , 295, 118677	9.3	1
6	The Role of Tumor Necrosis Factor Associated Factors (TRAFs) in Vascular Inflammation and Atherosclerosis.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 826630	5.4	1
5	Modulating Autoimmunity against LDL: Development of a Vaccine against Atherosclerosis.. <i>Hamostaseologie</i> , <b>2021</b> , 41, 447-457	1.9	0
4	Inhaled Particulate Matter Leads to Myocardial Dysfunction <b>2016</b> , 275-285		
3	Energy Mismanagement and Mitochondrial Dynamics in Cerebral Cortex During Endotoxemia. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 159, S67-S68	7.8	
2	Bioenergetic profiling in the skin <b>2021</b> , 285-308		
1	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> , <b>2022</b> , 9, 826729	5.4	