

Remi Neviere

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106
papers

4,004
citations

38
h-index

61
g-index

113
ext. papers

4,682
ext. citations

5.3
avg, IF

4.95
L-index

#	Paper	IF	Citations
106	Rev-erb- β modulates skeletal muscle oxidative capacity by regulating mitochondrial biogenesis and autophagy. <i>Nature Medicine</i> , 2013 , 19, 1039-46	50.5	271
105	Effects of bicarbonate therapy on hemodynamics and tissue oxygenation in patients with lactic acidosis: a prospective, controlled clinical study. <i>Critical Care Medicine</i> , 1991 , 19, 1352-6	1.4	231
104	Myocardial contractile dysfunction is associated with impaired mitochondrial function and dynamics in type 2 diabetic but not in obese patients. <i>Circulation</i> , 2014 , 130, 554-64	16.7	182
103	Caspase inhibition prevents cardiac dysfunction and heart apoptosis in a rat model of sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 163, 218-25	10.2	163
102	Carbon monoxide rescues mice from lethal sepsis by supporting mitochondrial energetic metabolism and activating mitochondrial biogenesis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 641-8	4.7	155
101	Endothelial glycocalyx damage during endotoxemia coincides with microcirculatory dysfunction and vascular oxidative stress. <i>Shock</i> , 2008 , 29, 572-6	3.4	150
100	Targeting Oxidative Stress and Mitochondrial Dysfunction in the Treatment of Impaired Wound Healing: A Systematic Review. <i>Antioxidants</i> , 2018 , 7,	7.1	139
99	Inhibition of mitochondrial permeability transition prevents sepsis-induced myocardial dysfunction and mortality. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 377-85	15.1	128
98	Ventricular myocyte caspases are directly responsible for endotoxin-induced cardiac dysfunction. <i>Circulation</i> , 2005 , 111, 2596-604	16.7	104
97	NADPH oxidases participate to doxorubicin-induced cardiac myocyte apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 388, 727-31	3.4	92
96	Peroxynitrite decomposition catalysts prevent myocardial dysfunction and inflammation in endotoxemic rats. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 2348-58	15.1	86
95	Dobutamine improves gastrointestinal mucosal blood flow in a porcine model of endotoxic shock. <i>Critical Care Medicine</i> , 1997 , 25, 1371-7	1.4	85
94	Inhibition of mitochondrial respiration mediates apoptosis induced by the anti-tumoral alkaloid lamellarin D. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010 , 15, 769-81	5.4	81
93	Mitochondrial dysfunction as an arrhythmogenic substrate: a translational proof-of-concept study in patients with metabolic syndrome in whom post-operative atrial fibrillation develops. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1466-73	15.1	80
92	Small intestine intramucosal PCO ₂ and microvascular blood flow during hypoxic and ischemic hypoxia. <i>Critical Care Medicine</i> , 2002 , 30, 379-84	1.4	78
91	Endotoxin-induced myocardial dysfunction: evidence for a role of sphingosine production. <i>Critical Care Medicine</i> , 2004 , 32, 495-501	1.4	76
90	Left ventricular abnormal response during dynamic exercise in patients with heart failure and preserved left ventricular ejection fraction at rest. <i>Journal of Cardiac Failure</i> , 2008 , 14, 475-80	3.3	73

89	Left ventricular response to exercise in aortic stenosis: an exercise echocardiographic study. <i>Echocardiography</i> , 2007 , 24, 955-9	1.5	66
88	Differential effects of caspase inhibitors on endotoxin-induced myocardial dysfunction and heart apoptosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H1608-14	5.2	63
87	Keratinocyte growth factor protects against <i>Pseudomonas aeruginosa</i> -induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 279, L1199-209	5.8	62
86	Prevention of endotoxin-induced sarcoplasmic reticulum calcium leak improves mitochondrial and myocardial dysfunction. <i>Critical Care Medicine</i> , 2008 , 36, 2590-6	1.4	59
85	Sargassum seaweed on Caribbean islands: an international public health concern. <i>Lancet, The</i> , 2019 , 392, 2691	40	49
84	Kidney, heart and brain: three organs targeted by ageing and glycation. <i>Clinical Science</i> , 2017 , 131, 1069-1092	4.9	48
83	Mitochondria death/survival signaling pathways in cardiotoxicity induced by anthracyclines and anticancer-targeted therapies. <i>Biochemistry Research International</i> , 2012 , 2012, 951539	2.4	48
82	Doxorubicin-induced cardiac dysfunction is attenuated by ciclosporin treatment in mice through improvements in mitochondrial bioenergetics. <i>Clinical Science</i> , 2011 , 121, 405-13	6.5	47
81	Intravenous administration of activated protein C in <i>Pseudomonas</i> -induced lung injury: impact on lung fluid balance and the inflammatory response. <i>Respiratory Research</i> , 2006 , 7, 41	7.3	47
80	Carbon monoxide improves cardiac function and mitochondrial population quality in a mouse model of metabolic syndrome. <i>PLoS ONE</i> , 2012 , 7, e41836	3.7	47
79	Doxorubicin induces mitochondrial permeability transition and contractile dysfunction in the human myocardium. <i>Mitochondrion</i> , 2011 , 11, 22-6	4.9	46
78	Significance and interpretation of elevated troponin in septic patients. <i>Critical Care</i> , 2006 , 10, 224	10.8	46
77	Ventilation-induced lung injury is associated with an increase in gut permeability. <i>Shock</i> , 2003 , 19, 559-63	6.4	46
76	Protective effects of cyclosporin A from endotoxin-induced myocardial dysfunction and apoptosis in rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 165, 449-55	10.2	45
75	Effects of the PPAR- α agonist fenofibrate on acute and short-term consequences of brain ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 542-51	7.3	44
74	Advanced glycation end products receptor RAGE controls myocardial dysfunction and oxidative stress in high-fat fed mice by sustaining mitochondrial dynamics and autophagy-lysosome pathway. <i>Free Radical Biology and Medicine</i> , 2017 , 112, 397-410	7.8	43
73	Conservative treatment of tracheal rupture. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 117, 399-401	1.5	42
72	Calpain inhibitors improve myocardial dysfunction and inflammation induced by endotoxin in rats. <i>Shock</i> , 2004 , 21, 352-7	3.4	40

71	Antithrombin reduces mesenteric venular leukocyte interactions and small intestine injury in endotoxemic rats. <i>Shock</i> , 2001 , 15, 220-5	3.4	40
70	Endotoxemia Engages the RhoA Kinase Pathway to Impair Cardiac Function By Altering Cytoskeleton, Mitochondrial Fission, and Autophagy. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 529-42	8.4	39
69	Massive alveolar thrombin activation in <i>Pseudomonas aeruginosa</i> -induced acute lung injury. <i>Shock</i> , 2004 , 21, 444-51	3.4	39
68	Expression of apoptosis regulatory factors during myocardial dysfunction in endotoxemic rats. <i>Critical Care Medicine</i> , 2005 , 33, 492-6	1.4	38
67	Cholestasis is associated with hepatic microvascular dysfunction and aberrant energy metabolism before and during ischemia-reperfusion. <i>Antioxidants and Redox Signaling</i> , 2012 , 17, 1109-23	8.4	36
66	Stabilization of mitochondrial membrane potential prevents doxorubicin-induced cardiotoxicity in isolated rat heart. <i>Toxicology and Applied Pharmacology</i> , 2010 , 244, 300-7	4.6	36
65	Involvement of Mitochondrial Disorders in Septic Cardiomyopathy. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 4076348	6.7	35
64	Myocardial dysfunction and potential cardiac hypoxia in rats induced by carbon monoxide inhalation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 320-5	10.2	35
63	Cardiac force-frequency relationship and frequency-dependent acceleration of relaxation are impaired in LPS-treated rats. <i>Critical Care</i> , 2009 , 13, R14	10.8	32
62	Beneficial effects of different flavonoids, on functional recovery after ischemia and reperfusion in isolated rat heart. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 23-7	2.9	32
61	Caspase-dependent protein phosphatase 2A activation contributes to endotoxin-induced cardiomyocyte contractile dysfunction. <i>Critical Care Medicine</i> , 2010 , 38, 2031-6	1.4	31
60	Cardiac contractile function and mitochondrial respiration in diabetes-related mouse models. <i>Cardiovascular Diabetology</i> , 2014 , 13, 118	8.7	27
59	Pectus excavatum repair improves respiratory pump efficacy and cardiovascular function at exercise. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 605-6	1.5	27
58	Implication of advanced glycation end products (Ages) and their receptor (Rage) on myocardial contractile and mitochondrial functions. <i>Glycoconjugate Journal</i> , 2016 , 33, 607-17	3	26
57	Cardiovascular protective role for activated protein C during endotoxemia in rats. <i>Intensive Care Medicine</i> , 2006 , 32, 899-905	14.5	26
56	Gene deletion of protein tyrosine phosphatase 1B protects against sepsis-induced cardiovascular dysfunction and mortality. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1032-44	9.4	25
55	Inhaled NO reduces leukocyte-endothelial cell interactions and myocardial dysfunction in endotoxemic rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 278, H1783-90	5.2	23
54	Gastric mucosal pH and blood flow during weaning from mechanical ventilation in patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 160, 1555-61	10.2	23

53	Cardiopulmonary response following surgical repair of pectus excavatum in adult patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 40, e77-82	3	21
52	Abnormal Mitochondrial cAMP/PKA Signaling Is Involved in Sepsis-Induced Mitochondrial and Myocardial Dysfunction. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	20
51	AMP-activated protein kinase deficiency reduces ozone-induced lung injury and oxidative stress in mice. <i>Respiratory Research</i> , 2011 , 12, 64	7.3	19
50	Inhaled nitric oxide modulates leukocyte kinetics in the mesenteric venules of endotoxemic rats. <i>Critical Care Medicine</i> , 2000 , 28, 1072-6	1.4	15
49	Cardiac correlates of exercise induced pulmonary hypertension in patients with chronic heart failure due to left ventricular systolic dysfunction. <i>Echocardiography</i> , 2008 , 25, 386-93	1.5	14
48	Inhaled nitric oxide increases endothelial permeability in <i>Pseudomonas aeruginosa</i> pneumonia. <i>Intensive Care Medicine</i> , 2007 , 33, 503-10	14.5	13
47	Effect of 9 weeks continuous vs. interval aerobic training on plasma BDNF levels, aerobic fitness, cognitive capacity and quality of life among seniors with mild to moderate Alzheimer's disease: a randomized controlled trial. <i>European Review of Aging and Physical Activity</i> , 2020 , 17, 2	6.5	12
46	Annexin V detection of lipopolysaccharide-induced cardiac apoptosis. <i>Shock</i> , 2007 , 27, 69-74	3.4	12
45	Infectious Complications Following Snakebite by in Martinique: A Case Series. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 102, 232-240	3.2	12
44	Longitudinal changes in hyperinflation parameters and exercise capacity after giant bullous emphysema surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 1203-7	1.5	11
43	Epicardial fat accumulation is an independent marker of impaired heart rate recovery in obese patients with obstructive sleep apnea. <i>Clinical Research in Cardiology</i> , 2019 , 108, 1226-1233	6.1	10
42	Preclinical evaluation of the neutralizing ability of a monospecific antivenom for the treatment of envenomings by <i>Bothrops lanceolatus</i> in Martinique. <i>Toxicon</i> , 2018 , 148, 50-55	2.8	10
41	Non-invasive collection of exhaled breath condensate in rats: evaluation of pH, H ₂ O ₂ and NO _x in lipopolysaccharide-induced acute lung injury. <i>Veterinary Journal</i> , 2012 , 194, 222-8	2.5	10
40	Clinical value of exercise Doppler echocardiography in patients with cardiac-valvular disease. <i>Archives of Cardiovascular Diseases</i> , 2008 , 101, 351-60	2.7	10
39	Sphingosine impairs mitochondrial function by opening permeability transition pore. <i>Mitochondrion</i> , 2006 , 6, 149-54	4.9	10
38	Carbon dioxide rebreathing method of cardiac output measurement during acute respiratory failure in patients with chronic obstructive pulmonary disease. <i>Critical Care Medicine</i> , 1994 , 22, 81-5	1.4	10
37	invasion in the Caribbean: the role of medical and scientific cooperation. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2019 , 43, e52	4.1	10
36	Sargassum seaweed health menace in the Caribbean: clinical characteristics of a population exposed to hydrogen sulfide during the 2018 massive stranding. <i>Clinical Toxicology</i> , 2021 , 59, 215-223	2.9	10

35	Oral Microbiota of the Snake in Martinique. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	9
34	Acrylamide induces accelerated endothelial aging in a human cell model. <i>Food and Chemical Toxicology</i> , 2015 , 83, 140-5	4.7	8
33	Right ventricular pacing with mechanical dyssynchrony causes apoptosis interruptus and calcium mishandling. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 510-8	3.8	8
32	Contrasting effects of diabetes and metabolic syndrome on post-operative atrial fibrillation and in-hospital outcome after cardiac surgery. <i>International Journal of Cardiology</i> , 2013 , 167, 2347-50	3.2	8
31	Macrophage migration inhibitory factor induces contractile and mitochondria dysfunction by altering cytoskeleton network in the human heart. <i>Critical Care Medicine</i> , 2013 , 41, e125-33	1.4	8
30	Nitric oxide scavenging modulates mitochondrial dysfunction induced by hypoxia/reoxygenation. <i>Pharmacological Reports</i> , 2011 , 63, 1189-94	3.9	8
29	In Vivo Application of Intestinal pH Measurement Using 2,7Bis(carboxyethyl)-5,6-carboxyfluorescein (BCECF) Fluorescence Imaging. <i>Photochemistry and Photobiology</i> , 1999 , 70, 813-819	3.6	8
28	Antibiotic therapy for snakebite envenoming. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020 , 26, e20190098	2.2	8
27	Chronotropic incompetence can limit exercise tolerance in COPD patients with lung hyperinflation. <i>International Journal of COPD</i> , 2016 , 11, 2553-2561	3	8
26	Limited Exercise Capacity in Patients with Systemic Sclerosis: Identifying Contributing Factors with Cardiopulmonary Exercise Testing. <i>Journal of Rheumatology</i> , 2018 , 45, 95-102	4.1	8
25	The presence of apoptotic bone marrow cells impairs the efficacy of cardiac cell therapy. <i>Cell Transplantation</i> , 2011 , 20, 1087-97	4	7
24	Prognostic value of cardiopulmonary exercise testing in cardiac amyloidosis. <i>European Journal of Heart Failure</i> , 2021 , 23, 231-239	12.3	7
23	Reduced Insulin Resistance Contributes to the Beneficial Effect of Protein Tyrosine Phosphatase-1B Deletion in a Mouse Model of Sepsis. <i>Shock</i> , 2017 , 48, 355-363	3.4	6
22	Snakebite envenoming in French Guiana: Assessment of the preclinical efficacy against the venom of Bothrops atrox of two polyspecific antivenoms. <i>Toxicon</i> , 2020 , 173, 1-4	2.8	6
21	Evidence of normalized cardiopulmonary function after pectus excavatum repair. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1123-4	2.7	5
20	Pectus excavatum repair improves cardiovascular function at maximal exercise by facilitating heart filling. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 43, 661	3	4
19	Macrophage migration inhibitory factor inhibition is deleterious for high-fat diet-induced cardiac dysfunction. <i>PLoS ONE</i> , 2013 , 8, e58718	3.7	4
18	Predictive value of exhaled nitric oxide and aerobic capacity for sepsis complications after liver transplantation. <i>Transplant International</i> , 2016 , 29, 1307-1316	3	4

17	Longer term effects of closed repair of pectus excavatum on cardiopulmonary status. <i>Journal of Pediatric Surgery</i> , 2013 , 48, 1988-9	2.6	3
16	Bothrops Snakebite Envenomings in the Amazon Region. <i>Current Tropical Medicine Reports</i> , 2020 , 7, 48-60		2
15	Restrictive cardiac phenotype as primary cause of impaired aerobic capacity in Afro-Caribbean patients with val122ile variant transthyretin amyloid cardiomyopathy. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2020 , 27, 145-152	2.7	1
14	Restrictive spirometry pattern and abnormal cardiopulmonary response to exercise in transthyretin cardiac amyloidosis.. <i>European Respiratory Journal</i> , 2022 ,	13.6	1
13	Case Report: Two Cases of Keratoconjunctivitis Tied to Algae Emanations. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 , 104, 403-405	3.2	1
12	Effets sanitaires de la d�composition des algues sargasses dhou�s sur les rivages des Antilles fran�aises. <i>Toxicologie Analytique Et Clinique</i> , 2021 , 33, 216-221	0.4	1
11	Risk of preeclampsia among women living in coastal areas impacted by sargassum strandings on the French Caribbean island of Martinique. <i>Environmental Toxicology and Pharmacology</i> , 2022 , 103894	5.8	1
10	Covid-19 in the Caribbean: lessons learned from the ongoing international medical and scientific cooperation. <i>Globalization and Health</i> , 2021 , 17, 55	10	0
9	Receptor for advanced glycation end products modulates oxidative stress and mitochondrial function in the soleus muscle of mice fed a high-fat diet. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, 1107-1117	3	0
8	Pulmonary 99mTc-HMDP uptake correlates with restrictive ventilatory defects and abnormal lung reactance in transthyretin cardiac amyloidosis patients.. <i>Respiratory Research</i> , 2022 , 23, 72	7.3	0
7	Correction of Pectus Excavatum by Custom-Made Silicone Implants: Contribution of Computer-Aided Design Reconstruction. A 20-Year Experience and 401 Cases. <i>Plastic and Reconstructive Surgery</i> , 2017 , 139, 324e-325e	2.7	
6	eComment. Coronary artery revascularization and pectus excavatum repair: When and how?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 23, 334	1.8	
5	eComment. Cardiac function and aerobic capacity in adults following pectus excavatum repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 529-30	1.8	
4	eComment. Pectus excavatum surgical repair improves cardiopulmonary function in adults. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 16, 871	1.8	
3	eComment. Morphologic and functional assessment of pectus excavatum. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 46	1.8	
2	Lung amyloidosis: Innocent bystander, or novel target-organ in transthyretin amyloidosis?. <i>Respiratory Medicine</i> , 2022 , 197, 106830	4.6	
1	Research challenges and opportunities in the Caribbean area: first bibliometric study in the French West Indies, from 1989 to 2018.. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2021 , 45, e159	4.1	