

Remi Neviere

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6207599/publications.pdf>

Version: 2024-02-01

110
papers

5,238
citations

70961

41
h-index

91712

69
g-index

113
all docs

113
docs citations

113
times ranked

8834
citing authors

#	ARTICLE	IF	CITATIONS
1	Rev-erb- β modulates skeletal muscle oxidative capacity by regulating mitochondrial biogenesis and autophagy. <i>Nature Medicine</i> , 2013, 19, 1039-1046.	15.2	361
2	Targeting Oxidative Stress and Mitochondrial Dysfunction in the Treatment of Impaired Wound Healing: A Systematic Review. <i>Antioxidants</i> , 2018, 7, 98.	2.2	299
3	Effects of bicarbonate therapy on hemodynamics and tissue oxygenation in patients with lactic acidosis. <i>Critical Care Medicine</i> , 1991, 19, 1352-1356.	0.4	274
4	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, 554-564.	1.6	237
5	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, 218-225.	2.5	192
6	ENDOTHELIAL GLYCOCALYX DAMAGE DURING ENDOTOXEMIA COINCIDES WITH MICROCIRCULATORY DYSFUNCTION AND VASCULAR OXIDATIVE STRESS. <i>Shock</i> , 2008, 29, 572-576.	1.0	179
7	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, 641-648.	1.3	171
8	Inhibition of Mitochondrial Permeability Transition Prevents Sepsis-Induced Myocardial Dysfunction and Mortality. <i>Journal of the American College of Cardiology</i> , 2006, 48, 377-385.	1.2	156
9	Ventricular Myocyte Caspases Are Directly Responsible for Endotoxin-Induced Cardiac Dysfunction. <i>Circulation</i> , 2005, 111, 2596-2604.	1.6	116
10	Mitochondrial Dysfunction as an Arrhythmogenic Substrate. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1466-1473.	1.2	112
11	NADPH oxidases participate to doxorubicin-induced cardiac myocyte apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 727-731.	1.0	111
12	Dobutamine improves gastrointestinal mucosal blood flow in a porcine model of endotoxic shock. <i>Critical Care Medicine</i> , 1997, 25, 1371-1377.	0.4	99
13	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, 769-781.	2.2	98
14	Sargassum seaweed on Caribbean islands: an international public health concern. <i>Lancet, The</i> , 2018, 392, 2691.	6.3	97
15	Peroxynitrite decomposition catalysts prevent myocardial dysfunction and inflammation in endotoxemic rats. <i>Journal of the American College of Cardiology</i> , 2004, 43, 2348-2358.	1.2	94
16	Small intestine intramucosal Pco ₂ and microvascular blood flow during hypoxic and ischemic hypoxia. <i>Critical Care Medicine</i> , 2002, 30, 379-384.	0.4	92
17	Endotoxin-induced myocardial dysfunction: Evidence for a role of sphingosine production*. <i>Critical Care Medicine</i> , 2004, 32, 495-501.	0.4	91
18	Prevention of endotoxin-induced sarcoplasmic reticulum calcium leak improves mitochondrial and myocardial dysfunction*. <i>Critical Care Medicine</i> , 2008, 36, 2590-2596.	0.4	90

#	ARTICLE	IF	CITATIONS
19	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, 475-480.	0.7	82
20	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-H1614.	1.5	76
21	Left Ventricular Response to Exercise in Aortic Stenosis: An Exercise Echocardiographic Study. <i>Echocardiography</i> , 2007, 24, 955-959.	0.3	76
22	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-L1209.	1.3	68
23	Kidney, heart and brain: three organs targeted by ageing and glycation. <i>Clinical Science</i> , 2017, 131, 1069-1092.	1.8	65
24	Significance and interpretation of elevated troponin in septic patients. <i>Critical Care</i> , 2006, 10, 224.	2.5	61
25	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, 529-542.	2.5	59
26	Doxorubicin induces mitochondrial permeability transition and contractile dysfunction in the human myocardium. <i>Mitochondrion</i> , 2011, 11, 22-26.	1.6	58
27	Mitochondria Death/Survival Signaling Pathways in Cardiotoxicity Induced by Anthracyclines and Anticancer-Targeted Therapies. <i>Biochemistry Research International</i> , 2012, 2012, 1-12.	1.5	57
28	Ventilation-Induced Lung Injury is Associated With an Increase in Gut Permeability. <i>Shock</i> , 2003, 19, 559-563.	1.0	56
29	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.	1.4	55
30	Doxorubicin-induced cardiac dysfunction is attenuated by ciclosporin treatment in mice through improvements in mitochondrial bioenergetics. <i>Clinical Science</i> , 2011, 121, 405-413.	1.8	55
31	Conservative treatment of tracheal rupture. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999, 117, 399-401.	0.4	53
32	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, 449-455.	2.5	53
33	Involvement of Mitochondrial Disorders in Septic Cardiomyopathy. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	53
34	Carbon Monoxide Improves Cardiac Function and Mitochondrial Population Quality in a Mouse Model of Metabolic Syndrome. <i>PLoS ONE</i> , 2012, 7, e41836.	1.1	53
35	MASSIVE ALVEOLAR THROMBIN ACTIVATION IN PSEUDOMONAS AERUGINOSA-INDUCED ACUTE LUNG INJURY. <i>Shock</i> , 2004, 21, 444-451.	1.0	52
36	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.	1.3	52

#	ARTICLE	IF	CITATIONS
37	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, 542-551.	2.4	51
38	ANTITHROMBIN REDUCES MESENTERIC VENULAR LEUKOCYTE INTERACTIONS AND SMALL INTESTINE INJURY IN ENDOTOXEMIC RATS. <i>Shock</i> , 2001, 15, 220-225.	1.0	48
39	CALPAIN INHIBITORS IMPROVE MYOCARDIAL DYSFUNCTION AND INFLAMMATION INDUCED BY ENDOTOXIN IN RATS. <i>Shock</i> , 2004, 21, 352-357.	1.0	47
40	Expression of apoptosis regulatory factors during myocardial dysfunction in endotoxemic rats*. <i>Critical Care Medicine</i> , 2005, 33, 492-496.	0.4	44
41	Cardiac force-frequency relationship and frequency-dependent acceleration of relaxation are impaired in LPS-treated rats. <i>Critical Care</i> , 2009, 13, R14.	2.5	43
42	Stabilization of mitochondrial membrane potential prevents doxorubicin-induced cardiotoxicity in isolated rat heart. <i>Toxicology and Applied Pharmacology</i> , 2010, 244, 300-307.	1.3	42
43	Cholestasis Is Associated with Hepatic Microvascular Dysfunction and Aberrant Energy Metabolism Before and During Ischemia-Reperfusion. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1109-1123.	2.5	40
44	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, 320-325.	2.5	39
45	Cardiopulmonary response following surgical repair of pectus excavatum in adult patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, e77-82.	0.6	38
46	Cardiac contractile function and mitochondrial respiration in diabetes-related mouse models. <i>Cardiovascular Diabetology</i> , 2014, 13, 118.	2.7	35
47	Implication of advanced glycation end products (Ages) and their receptor (Rage) on myocardial contractile and mitochondrial functions. <i>Glycoconjugate Journal</i> , 2016, 33, 607-617.	1.4	35
48	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.	1.3	34
49	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, 23-27.	1.0	33
50	Caspase-dependent protein phosphatase 2A activation contributes to endotoxin-induced cardiomyocyte contractile dysfunction*. <i>Critical Care Medicine</i> , 2010, 38, 2031-2036.	0.4	33
51	Pectus excavatum repair improves respiratory pump efficacy and cardiovascular function at exercise. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 145, 605-606.	0.4	33
52	Gene Deletion of Protein Tyrosine Phosphatase 1B Protects Against Sepsis-Induced Cardiovascular Dysfunction and Mortality. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1032-1044.	1.1	33
53	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.	0.8	33
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, 1555-1561.	2.5	28

#	ARTICLE	IF	CITATIONS
55	Cardiovascular protective role for activated protein C during endotoxemia in rats. <i>Intensive Care Medicine</i> , 2006, 32, 899-905.	3.9	26
56	Abnormal Mitochondrial cAMP/PKA Signaling Is Involved in Sepsis-Induced Mitochondrial and Myocardial Dysfunction. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2075.	1.8	26
57	Prognostic value of cardiopulmonary exercise testing in cardiac amyloidosis. <i>European Journal of Heart Failure</i> , 2021, 23, 231-239.	2.9	26
58	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-H1790.	1.5	24
59	AMP-activated protein kinase deficiency reduces ozone-induced lung injury and oxidative stress in mice. <i>Respiratory Research</i> , 2011, 12, 64.	1.4	23
60	Inhaled nitric oxide modulates leukocyte kinetics in the mesenteric venules of endotoxemic rats. <i>Critical Care Medicine</i> , 2000, 28, 1072-1076.	0.4	21
61	Oral Microbiota of the Snake <i>Bothrops lanceolatus</i> in Martinique. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2122.	1.2	20
62	Longitudinal changes in hyperinflation parameters and exercise capacity after giant bullous emphysema surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 132, 1203-1207.	0.4	18
63	Cardiac Correlates of Exercise Induced Pulmonary Hypertension in Patients with Chronic Heart Failure Due to Left Ventricular Systolic Dysfunction. <i>Echocardiography</i> , 2008, 25, 386-393.	0.3	18
64	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.	0.8	18
65	Sargassum 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, 1.	0.6	18
66	Infectious Complications Following Snakebite by <i>Bothrops lanceolatus</i> in Martinique: A Case Series. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 232-240.	0.6	18
67	Antibiotic therapy for snakebite envenoming. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20190098.	0.8	17
68	Inhaled nitric oxide increases endothelial permeability in <i>Pseudomonas aeruginosa</i> pneumonia. <i>Intensive Care Medicine</i> , 2007, 33, 503-510.	3.9	16
69	ANNEXIN V DETECTION OF LIPOPOLYSACCHARIDE-INDUCED CARDIAC APOPTOSIS. <i>Shock</i> , 2007, 27, 69-74.	1.0	15
70	Clinical value of exercise Doppler echocardiography in patients with cardiac-valvular disease. <i>Archives of Cardiovascular Diseases</i> , 2008, 101, 351-360.	0.7	14
71	Limited Exercise Capacity in Patients with Systemic Sclerosis: Identifying Contributing Factors with Cardiopulmonary Exercise Testing. <i>Journal of Rheumatology</i> , 2018, 45, 95-102.	1.0	14
72	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, 81-85.	0.4	12

#	ARTICLE	IF	CITATIONS
73	Sphingosine impairs mitochondrial function by opening permeability transition pore. <i>Mitochondrion</i> , 2006, 6, 149-154.	1.6	12
74	Acrylamide induces accelerated endothelial aging in a human cell model. <i>Food and Chemical Toxicology</i> , 2015, 83, 140-145.	1.8	12
75	Chronotropic incompetence can limit exercise tolerance in COPD patients with lung hyperinflation. <i>International Journal of COPD</i> , 2016, Volume 11, 2553-2561.	0.9	12
76	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, 222-228.	0.6	11
77	Snakebite envenoming in French Guiana: Assessment of the preclinical efficacy against the venom of <i>Bothrops atrox</i> of two polyspecific antivenoms. <i>Toxicon</i> , 2020, 173, 1-4.	0.8	11
78	Bothrops Snakebite Envenomings in the Amazon Region. <i>Current Tropical Medicine Reports</i> , 2020, 7, 48-60.	1.6	11
79	Right Ventricular Pacing With Mechanical Dyssynchrony Causes Apoptosis Interruptus and Calcium Mishandling. <i>Canadian Journal of Cardiology</i> , 2013, 29, 510-518.	0.8	10
80	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-e133.	0.4	10
81	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.	1.5	10
82	In Vivo Application of Intestinal pH Measurement Using 2,7-Bis(carboxyethyl)-5,6-carboxyfluorescein (BCECF) Fluorescence Imaging. <i>Photochemistry and Photobiology</i> , 1999, 70, 813-819.	1.3	9
83	Nitric oxide scavenging modulates mitochondrial dysfunction induced by hypoxia/reoxygenation. <i>Pharmacological Reports</i> , 2011, 63, 1189-1194.	1.5	9
84	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, 2347-2350.	0.8	9
85	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.	1.4	9
86	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, 94, 103894.	2.0	9
87	Obese patients with long COVID-19 display abnormal hyperventilatory response and impaired gas exchange at peak exercise. <i>Future Cardiology</i> , 2022, 18, 577-584.	0.5	9
88	The Presence of Apoptotic Bone Marrow Cells Impairs the Efficacy of Cardiac Cell Therapy. <i>Cell Transplantation</i> , 2011, 20, 1087-1097.	1.2	8
89	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.	1.0	8
90	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.	0.9	8

#	ARTICLE	IF	CITATIONS
91	Case Report: Two Cases of Keratoconjunctivitis Tied to Sargassum Algae Emanations. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 403-405.	0.6	8
92	Diagnostic and Prognostic Values of Cardiopulmonary Exercise Testing in Cardiac Amyloidosis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	1.1	8
93	Evidence of Normalized Cardiopulmonary Function After Pectus Excavatum Repair. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1123-1124.	0.7	6
94	Predictive value of exhaled nitric oxide and aerobic capacity for sepsis complications after liver transplantation. <i>Transplant International</i> , 2016, 29, 1307-1316.	0.8	6
95	Covid-19 in the Caribbean: lessons learned from the ongoing international medical and scientific cooperation. <i>Globalization and Health</i> , 2021, 17, 55.	2.4	6
96	Restrictive spirometry pattern and abnormal cardiopulmonary response to exercise in transthyretin cardiac amyloidosis. <i>European Respiratory Journal</i> , 2022, 59, 2102838.	3.1	6
97	Letter to the Editor. <i>Journal of Pediatric Surgery</i> , 2013, 48, 1988-1989.	0.8	5
98	Pectus excavatum repair improves cardiovascular function at maximal exercise by facilitating heart filling. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 661-661.	0.6	4
99	Macrophage Migration Inhibitory Factor Inhibition Is Deleterious for High-Fat Diet-Induced Cardiac Dysfunction. <i>PLoS ONE</i> , 2013, 8, e58718.	1.1	4
100	Soluble urokinase plasminogen activator receptor levels are predictive of COVID-19 severity in Afro-Caribbean patients. <i>Biomarkers in Medicine</i> , 2022, 16, 169-177.	0.6	4
101	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.	1.4	2
102	Bothrops lanceolatus snake venom impairs mitochondrial respiration and induces DNA release in human heart preparation. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010523.	1.3	2
103	eComment. Pectus excavatum surgical repair improves cardiopulmonary function in adults. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 16, 871-871.	0.5	0
104	eComment. Coronary artery revascularization and pectus excavatum repair: When and how?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 334-334.	0.5	0
105	eComment. Morphologic and functional assessment of pectus excavatum. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 46-46.	0.5	0
106	eComment. Cardiac function and aerobic capacity in adults following pectus excavatum repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 529-530.	0.5	0
107	Correction of Pectus Excavatum by Custom-Made Silicone Implants. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 324e-325e.	0.7	0
108	Lung amyloidosis: Innocent bystander, or novel target-organ in transthyretin amyloidosis?. <i>Respiratory Medicine</i> , 2022, 197, 106830.	1.3	0

#	ARTICLE	IF	CITATIONS
109	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, 1.	0.6	0
110	Cerebral Ischemic Events: An Overlooked Complication of Transthyretin Cardiac Amyloidosis in Afro-Caribbean Patients. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	0