Diane Godin-Ribuot

List of Publications by Year
in descending order

86 papers	2,701 citations	201385 27 h-index	205818 48 g-index
89 all docs	89 docs citations	89 times ranked	3354 citing authors

#	Article	IF	Citations
1	Intermittent hypoxia and sleep-disordered breathing: current concepts and perspectives. European Respiratory Journal, 2008, 32, 1082-1095.	3.1	166
2	The impact of sleep disorders on glucose metabolism: endocrine and molecular mechanisms. Diabetology and Metabolic Syndrome, 2015, 7, 25.	1.2	164
3	Major Role for Hypoxia Inducible Factor-1 and the Endothelin System in Promoting Myocardial Infarction and Hypertension in an Animal Model of Obstructive Sleep Apnea. Journal of the American College of Cardiology, 2009, 53, 1309-1317.	1.2	153
4	Cardiovascular Consequences of Sleep-Disordered Breathing: Contribution of Animal Models to Understanding of the Human Disease. ILAR Journal, 2009, 50, 262-281.	1.8	109
5	Oxidative stress mediates cardiac infarction aggravation induced by intermittent hypoxia. Fundamental and Clinical Pharmacology, 2013, 27, 252-261.	1.0	100
6	Protective effects of melatonin against ischemia-reperfusion injury in the isolated rat heart. Life Sciences, 2000, 66, 503-509.	2.0	97
7	Hypoxic Conditioning as a New Therapeutic Modality. Frontiers in Pediatrics, 2015, 3, 58.	0.9	97
8	Chronic intermittent hypoxia increases infarction in the isolated rat heart. Journal of Applied Physiology, 2005, 98, 1691-1696.	1.2	90
9	Acute intermittent hypoxia improves rat myocardium tolerance to ischemia. Journal of Applied Physiology, 2005, 99, 1064-1069.	1.2	88
10	Targeting the ROS-HIF-1-endothelin axis as a therapeutic approach for the treatment of obstructive sleep apnea-related cardiovascular complications. , 2016, 168, 1-11.		79
11	Endocannabinoids are implicated in the infarct size-reducing effect conferred by heat stress preconditioning in isolated rat hearts. Cardiovascular Research, 2002, 55, 619-625.	1.8	76
12	Chronic intermittent hypoxia promotes myocardial ischemia-related ventricular arrhythmias and sudden cardiac death. Scientific Reports, 2018, 8, 2997.	1.6	62
13	Chronic Intermittent Hypoxia Impairs Insulin Sensitivity but Improves Whole-Body Glucose Tolerance by Activating Skeletal Muscle AMPK. Diabetes, 2017, 66, 2942-2951.	0.3	60
14	Prevention of HIF-1 activation and iNOS gene targeting by low-dose cadmium results in loss of myocardial hypoxic preconditioning in the rat. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H901-H908.	1.5	58
15	Free-radical production triggered by hyperthermia contributes to heat stress-induced cardioprotection in isolated rat hearts. British Journal of Pharmacology, 2002, 135, 1776-1782.	2.7	57
16	Intermittent hypoxia-induced delayed cardioprotection is mediated by PKC and triggered by p38 MAP kinase and Erk1/2. Journal of Molecular and Cellular Cardiology, 2007, 42, 343-351.	0.9	55
17	Role of hypoxia inducible factor-1Î± in remote limb ischemic preconditioning. Journal of Molecular and Cellular Cardiology, 2013, 65, 98-104.	0.9	55
18	Endoplasmic reticulum stress as a novel inducer of hypoxia inducible factor-1 activity: its role in the susceptibility to myocardial ischemiaâ€reperfusion induced by chronic intermittent hypoxia. International Journal of Cardiology, 2016, 210, 45-53.	0.8	48

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19	Sleep deprivation, sleep apnea and cardiovascular diseases. Frontiers in Bioscience - Elite, 2012, E4, 2007.	0.9	47
20	Association of urinary 15-F2t-isoprostane level with oxygen desaturation and carotid intimaâ€“media thickness in nonobese sleep apnea patients. Free Radical Biology and Medicine, 2010, 48, 619-625.	1.3	45
21	Diseases of the retina and the optic nerve associated with obstructive sleep apnea. Sleep Medicine Reviews, 2018, 38, 113-130.	3.8	45
22	Functional assessment of vascular reactivity after chronic intermittent hypoxia in the rat. Respiratory Physiology and Neurobiology, 2006, 150, 278-286.	0.7	43
23	Erythropoietin and myocardial protection: what's new?. Fundamental and Clinical Pharmacology, 2005, 19, 439-446.	1.0	40
24	Endothelin-1 mediates intermittent hypoxia-induced inflammatory vascular remodeling through HIF-1 activation. Journal of Applied Physiology, 2016, 120, 437-443.	1.2	40
25	Resistance to myocardial infarction induced by heat stress and the effect of ATP-sensitive potassium channel blockade in the rat isolated heart. British Journal of Pharmacology, 1998, 123, 1085-1088.	2.7	38
26	Heat stress preconditioning and delayed myocardial protection: what is new?. Cardiovascular Research, 2003, 60, 469-477.	1.8	33
27	Role of nitric oxide synthases in the infarct size-reducing effect conferred by heat stress in isolated rat hearts. British Journal of Pharmacology, 2001, 132, 1845-1851.	2.7	31
28	Early pharmacological preconditioning by erythropoietin mediated by inducible NOS and mitochondrial ATP-dependent potassium channels in the rat heart. Fundamental and Clinical Pharmacology, 2006, 20, 51-56.	1.0	30
29	Hypoxia-inducible factor prolyl hydroxylase 1 (PHD1) deficiency promotes hepatic steatosis and liver-specific insulin resistance in mice. Scientific Reports, 2016, 6, 24618.	1.6	28
30	Endothelin regulates intermittent hypoxiaâ€induced lipolytic remodelling of adipose tissue and phosphorylation of hormoneâ€sensitive lipase. Journal of Physiology, 2016, 594, 1727-1740.	1.3	28
31	Heat stress fails to protect myocardium of streptozotocin-induced diabetic rats against infarction. Cardiovascular Research, 1999, 43, 939-946.	1.8	26
32	Endothelial kinin B 1 â€receptors are induced by myocardial ischaemiaâ€reperfusion in the rabbit. Journal of Physiology, 2001, 530, 69-78.	1.3	26
33	iNOS is a mediator of the heat stress-induced preconditioning against myocardial infarction in vivo in the rat. Cardiovascular Research, 2003, 58, 118-125.	1.8	26
34	An innovative intermittent hypoxia model for cell cultures allowing fast Po2 oscillations with minimal gas consumption. American Journal of Physiology - Cell Physiology, 2017, 313, C460-C468.	2.1	23
35	Curcumin prevents chronic intermittent hypoxia-induced myocardial injury. Therapeutic Advances in Chronic Disease, 2020, 11, 204062232092210.	1.1	22
36	Infarct size-reducing effect of heat stress andÎ±1adrenoceptors in rats. British Journal of Pharmacology, 1998, 125, 645-650.	2.7	21

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37	Lebetin 2, a Snake Venom-Derived Natriuretic Peptide, Attenuates Acute Myocardial Ischemic Injury through the Modulation of Mitochondrial Permeability Transition Pore at the Time of Reperfusion. PLoS ONE, 2016, 11, e0162632.	1.1	21
38	Heat stress-induced protection of endothelial function against ischaemic injury is abolished by ATP-sensitive potassium channel blockade in the isolated rat heart. British Journal of Pharmacology, 2000, 130, 345-350.	2.7	20
39	SB 203580, a mitogen-activated protein kinase inhibitor, abolishes resistance to myocardial infarction induced by heat stress. Cardiovascular Drugs and Therapy, 2000, 14, 337-343.	1.3	20
40	Highly Protective Effects Of Chronic Oral Administration Of Nicorandil On The Heart Of Ageing Rats. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 441-448.	0.9	20
41	Cooperation Between Hypoxia-Inducible Factor 1Î± and Activating Transcription Factor 4 in Sleep Apneaâ€“Mediated Myocardial Injury. Canadian Journal of Cardiology, 2020, 36, 936-940.	0.8	20
42	COX-2: an in vivo evidence of its participation in heat stress-induced myocardial preconditioning. Cardiovascular Research, 2003, 58, 582-588.	1.8	19
43	Delayed myocardial preconditioning induced by cobalt chloride in the rat: HIFâ€1Î± and iNOS involvement. Fundamental and Clinical Pharmacology, 2012, 26, 454-462.	1.0	19
44	Effects of sotalol, (â^')-propranolol and prazosin on reperfusion-induced arrhythmias and increased cardiac norepinephrine release. European Journal of Pharmacology, 1986, 123, 1-10.	1.7	18
45	Antiarrhythmic Effect of Prior Whole Body Hyperthermia: Implication of Catalase. Journal of Molecular and Cellular Cardiology, 1997, 29, 3285-3292.	0.9	18
46	In vivo demonstration of H3 -histaminergic inhibition of cardiac sympathetic stimulation by R-Î±-methyl-histamine and its prodrug BP 2.94 in the dog. British Journal of Pharmacology, 1999, 126, 264-268.	2.7	18
47	Intermittent hypoxia in obese Zucker rats: cardiometabolic and inflammatory effects. Experimental Physiology, 2016, 101, 1432-1442.	0.9	18
48	Heat stress response and myocardial protection. Fundamental and Clinical Pharmacology, 1999, 13, 1-10.	1.0	17
49	Intermittent Hypoxia Triggers Early Cardiac Remodeling and Contractile Dysfunction in the Timeâ€Course of Ischemic Cardiomyopathy in Rats. Journal of the American Heart Association, 2020, 9, e016369.	1.6	17
50	Sleep apnoea and cancer: the new challenge. European Respiratory Journal, 2014, 43, 1567-1570.	3.1	15
51	Sinus node responses to perfusion pressure changes, ischaemia and hypothermia in the isolated blood-perfused dog atrium. Cardiovascular Research, 1985, 19, 20-26.	1.8	14
52	NEW INSIGHT INTO THE SIGNALLING PATHWAYS OF HEAT STRESS-INDUCED MYOCARDIAL PRECONDITIONING: PROTEIN KINASE Cepsilon TRANSLOCATION AND HEAT SHOCK PROTEIN 27 PHOSPHORYLATION. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 129-133.	0.9	14
53	Effect of continuous vs pulsed iontophoresis of treprostinil on skin blood flow. European Journal of Pharmaceutical Sciences, 2015, 72, 21-26.	1.9	13
54	Zinc deficiency promotes endothelin secretion and endothelial cell migration through nuclear hypoxia-inducible factor-1 translocation. American Journal of Physiology - Cell Physiology, 2019, 317, C270-C276.	2.1	13

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55	Prolongation by captopril of action potential duration in the normal and hypertrophied rat ventricle: direct action or inhibition of the local angiotensin converting enzyme?. Cardiovascular Research, 1994, 28, 221-227.	1.8	12
56	Structural heterogeneity of the rat pulmonary vein myocardium: consequences on intracellular calcium dynamics and arrhythmogenic potential. Scientific Reports, 2018, 8, 3244.	1.6	12
57	Lebetin 2, a Snake Venom-Derived B-Type Natriuretic Peptide, Provides Immediate and Prolonged Protection against Myocardial Ischemia-Reperfusion Injury via Modulation of Post-Ischemic Inflammatory Response. Toxins, 2019, 11, 524.	1.5	12
58	Pharmacokinetic study of intravenously administered artemisinin-loaded surface-decorated amphiphilic Î³-cyclodextrin nanoparticles. Materials Science and Engineering C, 2020, 106, 110281.	3.8	12
59	Heat stress-induced B1receptor synthesis in the rat: anex vivostudy. British Journal of Pharmacology, 1998, 125, 812-816.	2.7	11
60	Comparison of continuous positive airway pressure and bosentan effect in mildly hypertensive patients with obstructive sleep apnoea: A randomized controlled pilot study. Respirology, 2016, 21, 546-552.	1.3	9
61	Atrioventricular Nodal Conduction and Refractoriness Following Abrupt Changes in Cycle Length. PACE - Pacing and Clinical Electrophysiology, 1988, 11, 1281-1290.	0.5	8
62	Heat stress protects against electrophysiological damages induced by acute doxorubicin exposure in isolated rat hearts. Cardiovascular Drugs and Therapy, 2001, 15, 219-224.	1.3	8
63	Erectile dysfunction and obstructive sleep apnea: From mechanisms toÂaÂdistinct phenotype and combined therapeutic strategies. Sleep Medicine Reviews, 2015, 20, 1-4.	3.8	8
64	Chronic Intermittent Hypoxia Alters Rat Ophthalmic Artery Reactivity Through Oxidative Stress, Endothelin and Endothelium-Derived Hyperpolarizing Pathways. , 2018, 59, 5256.		7
65	Delayed myocardial protection induced by endotoxin does not involve kinin B1 -receptors. British Journal of Pharmacology, 2000, 131, 740-744.	2.7	6
66	Intracoronary administration of saralasin: effects on cardiac arrhythmias induced by ischaemia and reperfusion in the anaesthetised dog. Cardiovascular Research, 1992, 26, 968-972.	1.8	5
67	Histamine H₃â€receptor stimulation is unable to modulate noradrenaline release by the isolated rat heart during ischaemiaâ€reperfusion. Fundamental and Clinical Pharmacology, 1999, 13, 455-460.	1.0	5
68	Nitric oxide and its role in the induction of kinin B1-receptors after heat stress in the rat. Immunopharmacology, 2000, 48, 43-49.	2.0	5
69	MAP-kinase dependent activation of kinin B1 receptor gene transcription after heat stress in rat vascular smooth muscle cells. International Immunopharmacology, 2001, 1, 533-538.	1.7	5
70	Iontophoresis of Endothelin Receptor Antagonists in Rats and Men. PLoS ONE, 2012, 7, e40792.	1.1	5
71	Anodal Iontophoresis of a Soluble Guanylate Cyclase Stimulator Induces a Sustained Increase in Skin Blood Flow in Rats. Journal of Pharmacology and Experimental Therapeutics, 2013, 346, 424-431.	1.3	5
72	Chronic neuromuscular electrical stimulation improves muscle mass and insulin sensitivity in a mouse model. Scientific Reports, 2019, 9, 7252.	1.6	5

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73	Electrophysiology of the chemically sympathectomised dog. Cardiovascular Research, 1982, 16, 524-529.	1.8	4
74	Reflex adrenal medullary secretion during coronary occlusion mediated by cardiac receptors with afferent vagal fibres in the rat. Pflugers Archiv European Journal of Physiology, 1997, 434, 159-165.	1.3	4
75	Myocardial meta-[125I]iodobenzylguanidine uptake in awake genetically hypertensive rats at different ages: an autoradiographic study. Canadian Journal of Physiology and Pharmacology, 1999, 77, 398-406.	0.7	4
76	Compact Laser Doppler Flowmeter (LDF) Fundus Camera for the Assessment of Retinal Blood Perfusion in Small Animals. PLoS ONE, 2015, 10, e0134378.	1.1	4
77	Monophosphoryl lipid A, a derivative of bacterial lipopolysaccharide, fails to induce B1-receptor-dependent responses to (des-Arg9)-bradykinin in the rabbit in vivo. Immunopharmacology, 1999, 41, 165-168.	2.0	3
78	Concerning â€œComments and question on â€œSelective inhibition of endothelial NF-kB signaling attenuates chronic intermittent hypoxia-induced atherosclerosis in miceâ€•â€• Atherosclerosis, 2018, 277, 227-228.	0.4	2
79	Targeting intermittent hypoxia downstream pathways for biomarker discovery and new treatment perspectives in cutaneous melanoma. European Respiratory Journal, 2019, 53, 1802444.	3.1	2
80	15-F2t-ISOPROSTANE and 5-F2t-ISOPROSTANE ARE NOT TRIGGERS OF MYOCARDIAL PRECONDITIONING. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 350-354.	0.9	1
81	Cardiovascular alterations induced by chronic intermittent hypoxia in spontaneously hypertensive rats. Journal of Molecular and Cellular Cardiology, 2007, 42, S190.	0.9	1
82	Dual endothelin-1 receptor antagonism prevents chronic intermittent hypoxia-induced cardiovascular alterations in rats. Journal of Molecular and Cellular Cardiology, 2008, 44, 810.	0.9	1
83	Response to letter to editor â€œOptical coherence tomography (OCT) findings in obstructive sleep apneaâ€•by Piotr Kanclerz. Sleep Medicine Reviews, 2018, 42, 232-233.	3.8	1
84	Intermittent hypoxia, the hallmark of sleep apnea, induces HIF-1-dependent mitochondrial dysfunction. , 2018, , .		1
85	Cardiovascular And Metabolic Consequences Of Chronic Intermittent Hypoxia In Lean Versus Obese Zucker Rats. , 2011, , .		0
86	Endothelin regulates intermittent hypoxia-induced lipolytic remodelling of adipose tissue and phosphorylation of hormone-sensitive lipase. , 2015, , .		0