

# Regis R Lamberts

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,309  
citations

361413

20  
h-index

361022

35  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Talk Between Cardiac Muscle and Coronary Vasculature. <i>Physiological Reviews</i> , 2006, 86, 1263-1308.	28.8	226
2	Type-2 diabetes increases autophagy in the human heart through promotion of Beclin-1 mediated pathway. <i>International Journal of Cardiology</i> , 2016, 202, 13-20.	1.7	97
3	Reactive Oxygen Species-Induced Stimulation of 5-AMP-Activated Protein Kinase Mediates Sevoflurane-Induced Cardioprotection. <i>Circulation</i> , 2009, 120, S10-5.	1.6	79
4	Functional effects of protein kinase C-mediated myofilament phosphorylation in human myocardium. <i>Cardiovascular Research</i> , 2006, 69, 876-887.	3.8	71
5	Emotional and footshock stimuli induce differential long-lasting behavioural effects in rats; involvement of opioids. <i>Brain Research</i> , 1998, 799, 6-15.	2.2	68
6	Myofilament dysfunction in cardiac disease from mice to men. <i>Journal of Muscle Research and Cell Motility</i> , 2008, 29, 189-201.	2.0	67
7	Down-regulation of miR-15a/b accelerates fibrotic remodelling in the Type 2 diabetic human and mouse heart. <i>Clinical Science</i> , 2017, 131, 847-863.	4.3	62
8	Frequency-dependent myofilament Ca <sup>2+</sup> -desensitization in failing rat myocardium. <i>Journal of Physiology</i> , 2007, 582, 695-709.	2.9	58
9	Right ventricular hypertrophy causes impairment of left ventricular diastolic function in the rat. <i>Basic Research in Cardiology</i> , 2007, 102, 19-27.	5.9	44
10	Impaired relaxation despite upregulated calcium-handling protein atrial myocardium from type 2 diabetic patients with preserved ejection fraction. <i>Cardiovascular Diabetology</i> , 2014, 13, 72.	6.8	43
11	Relationship between epicardial adipose tissue thickness and epicardial adipocyte size with increasing body mass index. <i>Adipocyte</i> , 2019, 8, 412-420.	2.8	39
12	Inhibition of calcium/calmodulin-dependent kinase II restores contraction and relaxation in isolated cardiac muscle from type 2 diabetic rats. <i>Cardiovascular Diabetology</i> , 2018, 17, 89.	6.8	38
13	Increased Efferent Cardiac Sympathetic Nerve Activity and Defective Intrinsic Heart Rate Regulation in Type 2 Diabetes. <i>Diabetes</i> , 2015, 64, 2944-2956.	0.6	36
14	Cardiovascular Control during Exercise in Type 2 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-11.	2.3	34
15	The role of CaMKII in diabetic heart dysfunction. <i>Heart Failure Reviews</i> , 2015, 20, 589-600.	3.9	30
16	Long-Chain Acylcarnitines and Cardiac Excitation-Contraction Coupling: Links to Arrhythmias. <i>Frontiers in Physiology</i> , 2020, 11, 577856.	2.8	30
17	Myocardial tissue characterisation using echocardiographic deformation imaging. <i>Cardiovascular Ultrasound</i> , 2019, 17, 27.	1.6	26
18	Impaired ventricular filling limits cardiac reserve during submaximal exercise in people with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2017, 16, 160.	6.8	24

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19	HIIT Improves Left Ventricular Exercise Response in Adults with Type 2 Diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1099-1105.	0.4	24
20	The Type 2 Diabetic Heart: Its Role in Exercise Intolerance and the Challenge to Find Effective Exercise Interventions. <i>Sports Medicine</i> , 2016, 46, 1605-1617.	6.5	23
21	Increased haemodynamic adrenergic load with isoflurane anaesthesia in type 2 diabetic and obese rats in vivo. <i>Cardiovascular Diabetology</i> , 2014, 13, 161.	6.8	13
22	Effect of bupivacaine on sevoflurane-induced preconditioning in isolated rat hearts. <i>European Journal of Pharmacology</i> , 2010, 647, 132-138.	3.5	12
23	Early Myocardial Dysfunction is Not Caused by Mitochondrial Abnormalities in a Rat Model of Peritonitis. <i>Journal of Surgical Research</i> , 2012, 176, 178-184.	1.6	12
24	Concise Review: Challenges in Regenerating the Diabetic Heart: A Comprehensive Review. <i>Stem Cells</i> , 2017, 35, 2009-2026.	3.2	11
25	Elevated myocardial fructose and sorbitol levels are associated with diastolic dysfunction in diabetic patients, and cardiomyocyte lipid inclusions in vitro. <i>Nutrition and Diabetes</i> , 2021, 11, 8.	3.2	11
26	Chamber-specific changes in calcium-handling proteins in the type 2 diabetic human heart with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2015, 193, 53-55.	1.7	10
27	Epicardial adipocyte size does not correlate with body mass index. <i>Cardiovascular Pathology</i> , 2019, 43, 107144.	1.6	10
28	Chronic bilateral renal denervation reduces cardiac hypertrophic remodelling but not $\beta_1$ -adrenergic responsiveness in hypertensive type 1 diabetic rats. <i>Experimental Physiology</i> , 2015, 100, 628-639.	2.0	9
29	Chrelin Preserves Ischemia-Induced Vasodilation of Male Rat Coronary Vessels Following $\beta_1$ -Adrenergic Receptor Blockade. <i>Endocrinology</i> , 2018, 159, 1763-1773.	2.8	9
30	$\beta_1$ -Adrenoceptor, but not $\beta_2$ -adrenoceptor, subtype regulates heart rate in type 2 diabetic rats <i>in vivo</i> . <i>Experimental Physiology</i> , 2017, 102, 911-923.	2.0	8
31	Acute interaction between human epicardial adipose tissue and human atrial myocardium induces arrhythmic susceptibility. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E164-E172.	3.5	8
32	$\beta_2$ -Adrenoceptors indirectly support impaired $\beta_1$ -adrenoceptor responsiveness in the isolated type 2 diabetic rat heart. <i>Experimental Physiology</i> , 2019, 104, 808-818.	2.0	7
33	Human Atrial Fibrillation Is Not Associated With Remodeling of Ryanodine Receptor Clusters. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 633704.	3.7	7
34	The diagnostic sensitivity of circulating cardio-enriched microRNAs is increased after normalization of high-density lipoprotein levels. <i>International Journal of Cardiology</i> , 2017, 236, 498-500.	1.7	6
35	Estimating heart mass from heart volume as measured from post-mortem computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , 2022, 18, 333-342.	1.4	6
36	Endocardial endothelium modulates subendocardial pHi of rabbit papillary muscles: role of transendothelial HCO <sub>3</sub> <sup>-</sup> transport. <i>Cardiovascular Research</i> , 2004, 63, 700-708.	3.8	5

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37	Data supporting the activation of autophagy genes in the diabetic heart. <i>Data in Brief</i> , 2015, 5, 269-275.	1.0	5
38	Cardiac $\beta_2$ -adrenoergic responsiveness of obese Zucker rats: The role of AMPK. <i>Experimental Physiology</i> , 2018, 103, 1067-1075.	2.0	5
39	Correlation between epicardial adipose tissue and body mass index in New Zealand ethnic populations. <i>New Zealand Medical Journal</i> , 2020, 133, 22-32.	0.5	5
40	Regulation of cardiac ryanodine receptor function by the cyclic-GMP dependent protein kinase G. <i>Current Research in Physiology</i> , 2022, 5, 171-178.	1.7	5
41	Effect of type 2 diabetes, surgical incision, and volatile anesthesia on hemodynamics in the rat. <i>Physiological Reports</i> , 2017, 5, e13352.	1.7	4
42	Inotropic and lusitropic, but not arrhythmogenic, effects of adipocytokine resistin on human atrial myocardium. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E540-E547.	3.5	4
43	Carvedilol and metoprolol are both able to preserve myocardial function in type 2 diabetes. <i>Physiological Reports</i> , 2020, 8, e14394.	1.7	4
44	Subendocardial and subepicardial pressure-flow relations in the rat heart in diastolic and systolic arrest. <i>Journal of Biomechanics</i> , 2004, 37, 697-707.	2.1	3
45	To the heart of activation heat. <i>Journal of Physiology</i> , 2017, 595, 4577-4578.	2.9	3
46	Long-chain acylcarnitine 18:1 acutely increases human atrial myocardial contractility and arrhythmia susceptibility. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H162-H174.	3.2	3
47	Ventricular Weight Increases Proportionally With Total Heart Weight in Postmortem Population. <i>American Journal of Forensic Medicine and Pathology</i> , 2020, 41, 259-262.	0.8	2
48	Increased neuronal activation in sympathoregulatory regions of the brain and spinal cord in type 2 diabetic rats. <i>Journal of Neuroendocrinology</i> , 2021, 33, e13016.	2.6	1
49	Thiamine increases resident endoglin positive cardiac progenitor cells and atrial contractile force in humans: A randomised controlled trial. <i>International Journal of Cardiology</i> , 2021, 341, 70-73.	1.7	1
50	Identifying sex differences in predictors of epicardial fat cell morphology. <i>Adipocyte</i> , 2022, 11, 325-334.	2.8	1
51	Force-frequency relation and myofilament $Ca^{2+}$ sensitivity. , 2008, , 39-41.		0
52	Hemodynamic effects of $\beta_1$ - and $\beta_2$ -adrenoceptor stimulation in conscious Zucker diabetic fatty rats (1155.7). <i>FASEB Journal</i> , 2014, 28, 1155.7.	0.5	0
53	Increased $\beta_1$ -adrenoceptor sensitivity in Zucker diabetic fatty rats during anesthesia (1155.6). <i>FASEB Journal</i> , 2014, 28, .	0.5	0
54	Exacerbated $\beta_1$ -adrenoceptor-mediated vasoconstriction in obese rats during anesthesia (681.8). <i>FASEB Journal</i> , 2014, 28, 681.8.	0.5	0

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55	Impaired cardiac parasympathetic control in healthy young people with type 1 diabetes (LB658). FASEB Journal, 2014, 28, LB658.	0.5	0
56	Does Autonomic Dysregulation Reduce Cardiac Reserve In Type 2 Diabetes?. Medicine and Science in Sports and Exercise, 2016, 48, 206.	0.4	0
57	Stage-specific regulation of signalling pathways to differentiate pluripotent stem cells to cardiomyocytes with ventricular lineage. Stem Cell Research and Therapy, 2022, 13, 185.	5.5	0