

# Thomas E Lohmeier

## List of Publications by Citations

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53  
papers

1,828  
citations

24  
h-index

42  
g-index

56  
ext. papers

2,019  
ext. citations

5.5  
avg, IF

4.76  
L-index

#	Paper	IF	Citations
53	Prolonged activation of the baroreflex produces sustained hypotension. <i>Hypertension</i> , <b>2004</b> , 43, 306-11	8.5	226
52	Systemic and renal-specific sympathoinhibition in obesity hypertension. <i>Hypertension</i> , <b>2012</b> , 59, 331-8	8.5	107
51	Prolonged activation of the baroreflex abolishes obesity-induced hypertension. <i>Hypertension</i> , <b>2007</b> , 49, 1307-14	8.5	96
50	Renal denervation does not abolish sustained baroreflex-mediated reductions in arterial pressure. <i>Hypertension</i> , <b>2007</b> , 49, 373-9	8.5	91
49	Recent insights into the interactions between the baroreflex and the kidneys in hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 288, R828-36	3.2	88
48	Influence of prolonged baroreflex activation on arterial pressure in angiotensin hypertension. <i>Hypertension</i> , <b>2005</b> , 46, 1194-200	8.5	87
47	Sustained suppression of sympathetic activity and arterial pressure during chronic activation of the carotid baroreflex. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 299, H402-9	5.2	86
46	Chronic lowering of blood pressure by carotid baroreflex activation: mechanisms and potential for hypertension therapy. <i>Hypertension</i> , <b>2011</b> , 57, 880-6	8.5	86
45	Baroreflexes prevent neurally induced sodium retention in angiotensin hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 279, R1437-48	3.2	80
44	Sustained activation of the central baroreceptor pathway in angiotensin hypertension. <i>Hypertension</i> , <b>2002</b> , 39, 550-6	8.5	69
43	Renal nerves promote sodium excretion during long-term increases in salt intake. <i>Hypertension</i> , <b>1999</b> , 33, 487-92	8.5	51
42	The baroreflex as a long-term controller of arterial pressure. <i>Physiology</i> , <b>2015</b> , 30, 148-58	9.8	50
41	Sustained influence of the renal nerves to attenuate sodium retention in angiotensin hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 281, R434-43	3.2	42
40	Prolonged activation of the baroreflex decreases arterial pressure even during chronic adrenergic blockade. <i>Hypertension</i> , <b>2009</b> , 53, 833-8	8.5	41
39	Sustained activation of the central baroreceptor pathway in obesity hypertension. <i>Hypertension</i> , <b>2003</b> , 42, 96-102	8.5	39
38	Renal Denervation Update From the International Sympathetic Nervous System Summit: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 3006-3017	15.1	37
37	Hypertension induced by chronic renal adrenergic stimulation is angiotensin dependent. <i>Hypertension</i> , <b>1995</b> , 25, 940-9	8.5	37

36	Renal denervation for the treatment of resistant hypertension: review and clinical perspective. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 309, F583-94	4.3	36
35	Chronic baroreflex activation restores spontaneous baroreflex control and variability of heart rate in obesity-induced hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2013</b> , 305, H1080-8	5.2	36
34	The sympathetic nervous system in obesity hypertension. <i>Current Hypertension Reports</i> , <b>2013</b> , 15, 409-16	4.7	34
33	Prolonged activation of the baroreflex: a viable approach for the treatment of hypertension?. <i>Current Hypertension Reports</i> , <b>2005</b> , 7, 193-8	4.7	34
32	Renal nerves promote sodium excretion in angiotensin-induced hypertension. <i>Hypertension</i> , <b>1998</b> , 31, 429-34	8.5	33
31	Device-Based Neuromodulation for Resistant Hypertension Therapy. <i>Circulation Research</i> , <b>2019</b> , 124, 1071-1093	15.7	30
30	Renal responses to chronic suppression of central sympathetic outflow. <i>Hypertension</i> , <b>2012</b> , 60, 749-56	8.5	27
29	Baroreflex activation: from mechanisms to therapy for cardiovascular disease. <i>Current Hypertension Reports</i> , <b>2014</b> , 16, 453	4.7	24
28	Lowering of blood pressure by chronic suppression of central sympathetic outflow: insight from prolonged baroreflex activation. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 1652-8	3.7	24
27	Global- and renal-specific sympathoinhibition in aldosterone hypertension. <i>Hypertension</i> , <b>2015</b> , 65, 1223-30	8.5	23
26	Chronic Interactions Between Carotid Baroreceptors and Chemoreceptors in Obesity Hypertension. <i>Hypertension</i> , <b>2016</b> , 68, 227-35	8.5	23
25	Role of atrial natriuretic peptide in long-term volume homeostasis. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>1995</b> , 22, 55-61	3	20
24	Lowering of blood pressure during chronic suppression of central sympathetic outflow: insight from computer simulations. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2010</b> , 37, e24-33	3	18
23	Interactions between angiotensin II and baroreflexes in long-term regulation of renal sympathetic nerve activity. <i>Circulation Research</i> , <b>2003</b> , 92, 1282-4	15.7	18
22	Regulation of renin secretion and arterial pressure during prolonged baroreflex activation: influence of salt intake. <i>Hypertension</i> , <b>2014</b> , 64, 604-9	8.5	15
21	Influence of angiotensin on the early progression of heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 278, R74-86	3.2	15
20	Baroreflex stimulation: A novel treatment option for resistant hypertension. <i>Journal of the American Society of Hypertension</i> , <b>2009</b> , 3, 69-74		13
19	The Baroreflex in the Pathogenesis of Hypertension <b>2007</b> , 265-279		12

18	Baroreflex activation for the treatment of hypertension: principles and practice. <i>Expert Review of Medical Devices</i> , <b>2006</b> , 3, 595-601	3.5	12
17	Prolonged Baroreflex Activation Abolishes Salt-Induced Hypertension After Reductions in Kidney Mass. <i>Hypertension</i> , <b>2016</b> , 68, 1400-1406	8.5	10
16	Renal denervation supersensitivity revisited. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 275, R1239-46	3.2	9
15	Neurohumoral regulation of arterial pressure in hemorrhage and heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2002</b> , 283, R810-4	3.2	8
14	Role of the heart in blood pressure lowering during chronic baroreflex activation: insight from an in silico analysis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 315, H1368-H1382	5.2	7
13	Reduced Renal Mass, Salt-Sensitive Hypertension Is Resistant to Renal Denervation. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 455	4.6	6
12	Illogical Critiques of the Pressure Natriuresis Theory of Chronic Hypertension. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 1332-1334	2.3	5
11	Neurohypophysial hormones. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2003</b> , 285, R715-7	3.2	4
10	Chronic activation of the baroreflex and the promise for hypertension therapy. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2013</b> , 117, 395-406	3	3
9	Preeminent role of the cardiorenal axis in the antihypertensive response to an arteriovenous fistula: an in silico analysis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H1002-H1012	5.2	2
8	Abstract 354: Cardiovascular Responses to Chronic Baroreflex Activation in Aldosterone Hypertension. <i>Hypertension</i> , <b>2013</b> , 62,	8.5	2
7	Mechanisms of blood pressure reduction by prolonged activation of the baroreflex. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2009</b> , 2009, 2040-2	0.9	
6	Young Investigator Award in Regulatory and Integrative Physiology. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2002</b> , 282, R334-R334	3.2	
5	Prolonged activation of the baroreflex decreases arterial pressure in the presence of chronic adrenergic blockade. <i>FASEB Journal</i> , <b>2007</b> , 21, A516	0.9	
4	Chronic electrical stimulation of the carotid sinus enhances the sensitivity of baroreflex-mediated heart rate regulation. <i>FASEB Journal</i> , <b>2010</b> , 24, 794.4	0.9	
3	Systemic and Renal-Specific Sympathoinhibition in Obesity Hypertension. <i>FASEB Journal</i> , <b>2011</b> , 25, 1078.2.9		
2	Renal hemodynamic responses to sustained suppression of central sympathetic outflow. <i>FASEB Journal</i> , <b>2012</b> , 26, 1104.12	0.9	
1	Influence of Renal Sympathetic Nerve Activity on Mean Arterial Pressure during Reduced Renal Perfusion Pressure. <i>FASEB Journal</i> , <b>2012</b> , 26, 1104.11	0.9	

