Carlos M Ferrario

List of Publications by Citations

332 papers	19,798 citations	75 h-index	128 g-index
360 ext. papers	21,246 ext. citations	5 avg, IF	6.74 L-index

#	Paper	IF	Citations
332	Angiotensin-converting enzyme 2 is an essential regulator of heart function. *Nature*, **2002**, 417, 822-8	50.4	1345
331	Effect of angiotensin-converting enzyme inhibition and angiotensin II receptor blockers on cardiac angiotensin-converting enzyme 2. *Circulation*, **2005**, 111, 2605-10	16.7	1135
330	Upregulation of angiotensin-converting enzyme 2 after myocardial infarction by blockade of angiotensin II receptors. *Hypertension*, **2004**, 43, 970-6	8.5	441
329	Role of the renin-angiotensin-aldosterone system and proinflammatory mediators in cardiovascular disease. *American Journal of Cardiology*, **2006**, 98, 121-8	3	376
328	Counterregulatory actions of angiotensin-(1-7). *Hypertension*, **1997**, 30, 535-41	8.5	366
327	Cardiovascular effects of angiotensin mediated by the central nervous system. *Circulation Research*, **1972**, 30, 257-62	15.7	318
326	Management of high blood pressure in African Americans: consensus statement of the Hypertension in African Americans Working Group of the International Society on Hypertension in Blacks. *Archives of Internal Medicine*, **2003**, 163, 525-41		314
325	Advances in biochemical and functional roles of angiotensin-converting enzyme 2 and angiotensin-(1-7) in regulation of cardiovascular function. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H2281-90	5.2	292
324	Angiotensin-(1-7) dilates canine coronary arteries through kinins and nitric oxide. *Hypertension*, **1996**, 27, 523-8	8.5	287
323	Angiotensin-(1-7) inhibits growth of cardiac myocytes through activation of the mas receptor. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H1560-6	5.2	265
322	Inhibition of early atherogenesis by losartan in monkeys with diet-induced hypercholesterolemia. *Circulation*, **2000**, 101, 1586-93	16.7	253
321	Metabolism of angiotensin-(1-7) by angiotensin-converting enzyme. *Hypertension*, **1998**, 31, 362-7	8.5	242
320	Targeting the degradation of angiotensin II with recombinant angiotensin-converting enzyme 2: prevention of angiotensin II-dependent hypertension. *Hypertension*, **2010**, 55, 90-8	8.5	226
319	Angiotensin-(1-7) inhibits vascular smooth muscle cell growth. *Hypertension*, **1996**, 28, 104-8	8.5	216
318	Angiotensin-(1-7) augments bradykinin-induced vasodilation by competing with ACE and releasing nitric oxide. *Hypertension*, **1997**, 29, 394-400	8.5	215
317	A comparison of the properties and enzymatic activities of three angiotensin processing enzymes: angiotensin converting enzyme, prolyl endopeptidase and neutral endopeptidase 24.11. *Life Sciences*, **1993**, 52, 1461-80	6.8	212
316	Angiotensin-converting enzyme 2 and angiotensin-(1-7): an evolving story in cardiovascular regulation. *Hypertension*, **2006**, 47, 515-21	8.5	198

315	Effects of renin-angiotensin system blockade on renal angiotensin-(1-7) forming enzymes and receptors. *Kidney International*, **2005**, 68, 2189-96	9.9	198
314	Vasodepressor actions of angiotensin-(1-7) unmasked during combined treatment with lisinopril and losartan. *Hypertension*, **1998**, 31, 699-705	8.5	196
313	Angiotensin-(1-7) contributes to the antihypertensive effects of blockade of the renin-angiotensin system. *Hypertension*, **1998**, 31, 356-61	8.5	193
312	Protection from angiotensin II-induced cardiac hypertrophy and fibrosis by systemic lentiviral delivery of ACE2 in rats. *Experimental Physiology*, **2005**, 90, 783-90	2.4	186
311	Effects of captopril related to increased levels of prostacyclin and angiotensin-(1-7) in essential hypertension. *Journal of Hypertension*, **1996**, 14, 799-805	1.9	184
310	Regulation of ACE2 in cardiac myocytes and fibroblasts. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 295, H2373-9	5.2	175
309	Angiotensin II AT1 receptors regulate ACE2 and angiotensin-(1-7) expression in the aorta of spontaneously hypertensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H1013-9	5.2	167
308	Distribution of angiotensin-(1-7) and ACE2 in human placentas of normal and pathological pregnancies. *Placenta*, **2006**, 27, 200-7	3.4	162
307	Angiotensin II-induced skeletal muscle insulin resistance mediated by NF-kappaB activation via NADPH oxidase. *American Journal of Physiology - Endocrinology and Metabolism*, **2008**, 294, E345-51	6	159
306	Cardiovascular actions of angiotensin(1-7). *Peptides*, **1993**, 14, 679-84	3.8	157
305	Angiotensin-(1-7) in normal and preeclamptic pregnancy. *Endocrine*, **2002**, 18, 239-45		156
304	Angiotensin-(1-7) reduces smooth muscle growth after vascular injury. *Hypertension*, **1999**, 33, 207-11	8.5	155
303	Converting enzyme determines plasma clearance of angiotensin-(1-7). *Hypertension*, **1998**, 32, 496-502	8.5	154
302	Role of angiotensin II in cardiovascular disease therapeutic implications of more than a century of research. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2006**, 7, 3-14	3	148
301	Distinct roles for ANG II and ANG-(1-7) in the regulation of angiotensin-converting enzyme 2 in rat astrocytes. *American Journal of Physiology - Cell Physiology*, **2006**, 290, C420-6	5.4	146
300	Hypertension-related morbidity and mortality in the southeastern United States. *American Journal of the Medical Sciences*, **1997**, 313, 195-209	2.2	144
299	Abrogation of oxidative stress improves insulin sensitivity in the Ren-2 rat model of tissue angiotensin II overexpression. *American Journal of Physiology - Endocrinology and Metabolism*, **2005**, 288, E353-9	6	138
298	Angiotensin(1-7) in the spontaneously hypertensive rat. *Peptides*, **1993**, 14, 883-91	3.8	126

297	Bovine aortic endothelial cells contain an angiotensin-(1-7) receptor. *Hypertension*, **1997**, 29, 388-93	8.5	121
296	State-of-the-Art lecture. Antiproliferative actions of angiotensin-(1-7) in vascular smooth muscle. *Hypertension*, **1999**, 34, 950-7	8.5	121
295	Angiotensin-(1-7) inhibits growth of human lung adenocarcinoma xenografts in nude mice through a reduction in cyclooxygenase-2. *Cancer Research*, **2007**, 67, 2809-15	10.1	117
294	Angiotensin metabolism in renal proximal tubules, urine, and serum of sheep: evidence for ACE2-dependent processing of angiotensin II. *American Journal of Physiology - Renal Physiology*, **2007**, 292, F82-91	4.3	115
293	Cardiac angiotensin-(1-7) in ischemic cardiomyopathy. *Circulation*, **2003**, 108, 2141-6	16.7	114
292	The ANG-(1-7)/ACE2/mas axis in the regulation of nephron function. *American Journal of Physiology - Renal Physiology*, **2010**, 298, F1297-305	4.3	113
291	Enhanced renal immunocytochemical expression of ANG-(1-7) and ACE2 during pregnancy. *Hypertension*, **2003**, 42, 749-53	8.5	112
290	ACE2: more of Ang-(1-7) or less Ang II?. *Current Opinion in Nephrology and Hypertension*, **2011**, 20, 1-6	3.5	111
289	Effect of angiotensin II blockade on a new congenic model of hypertension derived from transgenic Ren-2 rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2006**, 291, H2166-72	5.2	108
288	Pathways for angiotensin-(1---7) metabolism in pulmonary and renal tissues. *American Journal of Physiology - Renal Physiology*, **2000**, 279, F841-50	4.3	100
287	Angiotensin-(1-7): a bioactive fragment of the renin-angiotensin system. *Regulatory Peptides*, **1998**, 78, 13-8		99
286	Renin-angiotensin system expression in rat bone marrow haematopoietic and stromal cells. *British Journal of Haematology*, **2004**, 126, 120-6	4.5	99
285	Chymase-dependent generation of angiotensin II from angiotensin-(1-12) in human atrial tissue. *PLoS ONE*, **2011**, 6, e28501	3.7	94
284	Oxidative stress and glomerular filtration barrier injury: role of the renin-angiotensin system in the Ren2 transgenic rat. *American Journal of Physiology - Renal Physiology*, **2006**, 291, F1308-14	4.3	94
283	NADPH oxidase contributes to vascular inflammation, insulin resistance, and remodeling in the transgenic (mRen2) rat. *Hypertension*, **2007**, 50, 384-91	8.5	94
282	New physiological concepts of the renin-angiotensin system from the investigation of precursors and products of angiotensin I metabolism. *Hypertension*, **2010**, 55, 445-52	8.5	92
281	Sex differences in circulating and renal angiotensins of hypertensive mRen(2). Lewis but not normotensive Lewis rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 295, H10-20	5.2	92
280	Differential expression of nuclear AT1 receptors and angiotensin II within the kidney of the male congenic mRen2. Lewis rat. *American Journal of Physiology - Renal Physiology*, **2006**, 290, F1497-506	4.3	91

279	Angiotensin-(1-7): pharmacology and new perspectives in cardiovascular treatments. *Cardiovascular Drug Reviews*, **2007**, 25, 162-74		89
278	Angiotensin-converting enzyme expression in human carotid artery atherosclerosis. *Hypertension*, **2000**, 35, 353-9	8.5	89
277	Mineralocorticoid receptor blockade attenuates chronic overexpression of the renin-angiotensin-aldosterone system stimulation of reduced nicotinamide adenine dinucleotide phosphate oxidase and cardiac remodeling. *Endocrinology*, **2007**, 148, 3773-80	4.8	88
276	Evidence that prolyl endopeptidase participates in the processing of brain angiotensin. *Journal of Hypertension*, **1991**, 9, 631-8	1.9	87
275	Differential actions of renal ischemic injury on the intrarenal angiotensin system. *American Journal of Physiology - Renal Physiology*, **2000**, 279, F636-45	4.3	86
274	Low-dose spironolactone reduces reactive oxygen species generation and improves insulin-stimulated glucose transport in skeletal muscle in the TG(mRen2)27 rat. *American Journal of Physiology - Endocrinology and Metabolism*, **2008**, 295, E110-6	6	85
273	MAP kinase/phosphatase pathway mediates the regulation of ACE2 by angiotensin peptides. *American Journal of Physiology - Cell Physiology*, **2008**, 295, C1169-74	5.4	84
272	ACE2: angiotensin II/angiotensin-(1-7) balance in cardiac and renal injury. *Current Hypertension Reports*, **2014**, 16, 420	4.7	83
271	Direct renin inhibition improves systemic insulin resistance and skeletal muscle glucose transport in a transgenic rodent model of tissue renin overexpression. *Endocrinology*, **2009**, 150, 2561-8	4.8	83
270	Attenuation of NADPH oxidase activation and glomerular filtration barrier remodeling with statin treatment. *Hypertension*, **2008**, 51, 474-80	8.5	83
269	Vasopeptidase inhibition and Ang-(1-7) in the spontaneously hypertensive rat. *Kidney International*, **2002**, 62, 1349-57	9.9	80
268	Angiotensin II-mediated oxidative stress promotes myocardial tissue remodeling in the transgenic (mRen2) 27 Ren2 rat. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 293, E355-63	6	79
267	Contribution of angiotensin-(1-7) to blood pressure regulation in salt-depleted hypertensive rats. *Hypertension*, **2000**, 36, 417-22	8.5	78
266	Reassessment of plasma angiotensins measurement: effects of protease inhibitors and sample handling procedures. *Peptides*, **1991**, 12, 1135-41	3.8	78
265	Angiotensin II-induced non-alcoholic fatty liver disease is mediated by oxidative stress in transgenic TG(mRen2)27(Ren2) rats. *Journal of Hepatology*, **2008**, 49, 417-28	13.4	77
264	Hemodynamic characteristics of chronic experimental neurogenic hypertension in unanesthetized dogs. *Circulation Research*, **1969**, 24, 911-22	15.7	77
263	Activation of local chorionic villi angiotensin II levels but not angiotensin (1-7) in preeclampsia. *Hypertension*, **2008**, 51, 1066-72	8.5	76
262	Estrogen or the AT1 antagonist olmesartan reverses the development of profound hypertension in the congenic mRen2. Lewis rat. *Hypertension*, **2003**, 42, 781-6	8.5	76

261	Contribution of the vagus nerve to angiotensin II binding sites in the canine medulla. *Brain Research Bulletin*, **1986**, 17, 497-505	3.9	76
260	An evolving story of angiotensin-II-forming pathways in rodents and humans. *Clinical Science*, **2014**, 126, 461-9	6.5	75
259	Estrogen protects transgenic hypertensive rats by shifting the vasoconstrictor-vasodilator balance of RAS. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1997**, 273, R1908-15	3.2	75
258	Angiotensin-(1-12) is an alternate substrate for angiotensin peptide production in the heart. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 294, H2242-7	5.2	75
257	Angiotensin-(1-7) and nitric oxide interaction in renovascular hypertension. *Hypertension*, **1995**, 25, 796-802	8.5	75
256	ACE2 and ANG-(1-7) in the rat uterus during early and late gestation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2008**, 294, R151-61	3.2	74
255	Impaired heart rate baroreflex in older rats: role of endogenous angiotensin-(1-7) at the nucleus tractus solitarii. *Hypertension*, **2005**, 46, 333-40	8.5	74
254	Evidence that prostaglandins mediate the antihypertensive actions of angiotensin-(1-7) during chronic blockade of the renin-angiotensin system. *Journal of Cardiovascular Pharmacology*, **2000**, 36, 109-17	3.1	74
253	Association of angiotensinogen M235T and A(-6)G gene polymorphisms with coronary heart disease with independence of essential hypertension: the PROCAGENE study. Prospective Cardiac Gene. *Journal of the American College of Cardiology*, **2001**, 37, 1536-42	15.1	72
252	Renin angiotensin aldosterone inhibition in the treatment of cardiovascular disease. *Pharmacological Research*, **2017**, 125, 57-71	10.2	71
251	Role of the vasodilator peptide angiotensin-(1-7) in cardiovascular drug therapy. *Vascular Health and Risk Management*, **2007**, 3, 125-37	4.4	71
250	Effects of omapatrilat on the renin-angiotensin system in salt-sensitive hypertension. *American Journal of Hypertension*, **2002**, 15, 557-64	2.3	70
249	Increased expression of angiotensin converting enzyme 2 in conjunction with reduction of neointima by angiotensin II type 1 receptor blockade. *Hypertension Research*, **2008**, 31, 553-9	4.7	69
248	Value of noninvasive hemodynamics to achieve blood pressure control in hypertensive subjects. *Hypertension*, **2006**, 47, 771-7	8.5	68
247	Temporal-spatial expression of ANG-(1-7) and angiotensin-converting enzyme 2 in the kidney of normal and hypertensive pregnant rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 293, R169-77	3.2	67
246	Losartan inhibits thromboxane A2-induced platelet aggregation and vascular constriction in spontaneously hypertensive rats. *Journal of Cardiovascular Pharmacology*, **1998**, 32, 198-205	3.1	67
245	Cardiac remodelling and RAS inhibition. *Therapeutic Advances in Cardiovascular Disease*, **2016**, 10, 162-71	3.4	67
244	Injections of angiotensin-converting enzyme 2 inhibitor MLN4760 into nucleus tractus solitarii reduce baroreceptor reflex sensitivity for heart rate control in rats. *Experimental Physiology*, **2008**, 93, 694-700	2.4	66

243	Renin inhibition attenuates insulin resistance, oxidative stress, and pancreatic remodeling in the transgenic Ren2 rat. *Endocrinology*, **2008**, 149, 5643-53	4.8	65
242	Rosuvastatin, a 3-hydroxy-3-methylglutaryl coenzyme a reductase inhibitor, decreases cardiac oxidative stress and remodeling in Ren2 transgenic rats. *Endocrinology*, **2007**, 148, 2181-8	4.8	65
241	Localization of the novel angiotensin peptide, angiotensin-(1-12), in heart and kidney of hypertensive and normotensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 294, H2614-8	5.2	64
240	Addressing the global cardiovascular risk of hypertension, dyslipidemia, diabetes mellitus, and the metabolic syndrome in the southeastern United States, part II: treatment recommendations for management of the global cardiovascular risk of hypertension, dyslipidemia, diabetes mellitus, and the metabolic syndrome. *American Journal of the Medical Sciences*, **2005**, 329, 292-305	2.2	64
239	Differential regulation of angiotensin-(1-12) in plasma and cardiac tissue in response to bilateral nephrectomy. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 296, H1184-92	5.2	63
238	New angiotensins. *Journal of Molecular Medicine*, **2008**, 86, 663-71	5.5	63
237	Angiotensin II acts at AT1 receptors in the nucleus of the solitary tract to attenuate the baroreceptor reflex. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1998**, 275, R1611-9	3.2	62
236	Opposing actions of angiotensin-(1-7) and angiotensin II in the brain of transgenic hypertensive rats. *Hypertension*, **1995**, 25, 1260-5	8.5	61
235	Allelic variants of the human scavenger receptor class B type 1 and paraoxonase 1 on coronary heart disease: genotype-phenotype correlations. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 854-60	9.4	60
234	Novel aspects of the renal renin-angiotensin system: angiotensin-(1-7), ACE2 and blood pressure regulation. *Contributions To Nephrology*, **2004**, 143, 77-89	1.6	60
233	Mechanisms linking angiotensin II and atherogenesis. *Current Opinion in Lipidology*, **2002**, 13, 505-12	4.4	59
232	Effects of angiotensin analogues and angiotensin receptor antagonists on paraventricular neurones. *Regulatory Peptides*, **1992**, 38, 111-20		58
231	Inhibition of platelet aggregability by losartan in essential hypertension. *American Journal of Cardiology*, **2000**, 86, 1188-92	3	57
230	Pressor and reflex sensitivity is altered in spontaneously hypertensive rats treated with angiotensin-(1-7). *Hypertension*, **1995**, 26, 1138-44	8.5	57
229	Multifunctional Role of Chymase in Acute and Chronic Tissue Injury and Remodeling. *Circulation Research*, **2018**, 122, 319-336	15.7	56
228	Urinary vasodilator and vasoconstrictor angiotensins during menstrual cycle, pregnancy, and lactation. *Endocrine*, **2001**, 16, 117-22		56
227	Role of mineralocorticoid receptor antagonists in cardiovascular disease. *Circulation Research*, **2015**, 116, 206-13	15.7	55
226	Diabetes, hypertension, and dyslipidemia in Mexican Americans and non-Hispanic whites. *American Journal of Preventive Medicine*, **2006**, 30, 103-10	6.1	55

225	ACE and ACE2: their role to balance the expression of angiotensin II and angiotensin-(1-7). *Kidney International*, **2006**, 70, 8-10	9.9	55
224	Growth, metabolism, and blood pressure disturbances during aging in transgenic rats with altered brain renin-angiotensin systems. *Physiological Genomics*, **2005**, 23, 311-7	3.6	55
223	Pathways of angiotensin-(1-7) metabolism in the kidney. *Nephrology Dialysis Transplantation*, **2001**, 16 Suppl 1, 22-6	4.3	55
222	Release of angiotensin-(1-7) from the rat hindlimb: influence of angiotensin-converting enzyme inhibition. *Hypertension*, **2000**, 35, 348-52	8.5	53
221	Omapatrilat versus lisinopril: efficacy and neurohormonal profile in salt-sensitive hypertensive patients. *Hypertension*, **2001**, 38, 1342-8	8.5	52
220	Chymase mediates angiotensin-(1-12) metabolism in normal human hearts. *Journal of the American Society of Hypertension*, **2013**, 7, 128-36		51
219	Advances in the renin angiotensin system focus on angiotensin-converting enzyme 2 and angiotensin-(1-7). *Advances in Pharmacology*, **2010**, 59, 197-233	5.7	51
218	Effect of renin inhibition and AT1R blockade on myocardial remodeling in the transgenic Ren2 rat. *American Journal of Physiology - Endocrinology and Metabolism*, **2008**, 295, E103-9	6	50
217	Sexual dysfunction in patients with hypertension: implications for therapy. *Journal of Clinical Hypertension*, **2002**, 4, 424-32	2.3	50
216	Nebivolol reduces proteinuria and renal NADPH oxidase-generated reactive oxygen species in the transgenic Ren2 rat. *American Journal of Nephrology*, **2009**, 30, 354-60	4.6	49
215	Effects of chronic hormone replacement on the renin-angiotensin system in cynomolgus monkeys. *Journal of Hypertension*, **1997**, 15, 719-26	1.9	49
214	Intracrine angiotensin II functions originate from noncanonical pathways in the human heart. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H404-14	5.2	49
213	Inhibition of angiotensin-converting enzyme 2 exacerbates cardiac hypertrophy and fibrosis in Ren-2 hypertensive rats. *American Journal of Hypertension*, **2010**, 23, 687-93	2.3	48
212	Oxidative stress-mediated mitochondrial dysfunction contributes to angiotensin II-induced nonalcoholic fatty liver disease in transgenic Ren2 rats. *American Journal of Pathology*, **2009**, 174, 1329-37	5.8	48
211	Distinct roles for angiotensin-converting enzyme 2 and carboxypeptidase A in the processing of angiotensins within the murine heart. *Experimental Physiology*, **2008**, 93, 613-21	2.4	48
210	Primary role of angiotensin-converting enzyme-2 in cardiac production of angiotensin-(1-7) in transgenic Ren-2 hypertensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 292, H3019-24	5.2	48
209	Angiotensin-(1-12): a chymase-mediated cellular angiotensin II substrate. *Current Hypertension Reports*, **2014**, 16, 429	4.7	47
208	Beneficial versus harmful effects of Angiotensin (1-7) on impulse propagation and cardiac arrhythmias in the failing heart. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2007**, 8, 74-80	3	47

207	Reversal of vascular hypertrophy in hypertensive patients through blockade of angiotensin II receptors. *Journal of the American Society of Hypertension*, **2008**, 2, 165-72		46
206	Role of area postrema pressor mechanisms in the regulation of arterial pressure. *Canadian Journal of Physiology and Pharmacology*, **1987**, 65, 1591-7	2.4	46
205	Angiotensin-(1-7) and baroreflex function in nucleus tractus solitarii of (mRen2)27 transgenic rats. *Journal of Cardiovascular Pharmacology*, **2008**, 51, 542-8	3.1	45
204	Uptake and metabolism of the novel peptide angiotensin-(1-12) by neonatal cardiac myocytes. *PLoS ONE*, **2011**, 6, e15759	3.7	45
203	Use of angiotensin II receptor blockers in animal models of atherosclerosis. *American Journal of Hypertension*, **2002**, 15, 9S-13S	2.3	44
202	Hemodynamic and hormonal changes to dual renin-angiotensin system inhibition in experimental hypertension. *Hypertension*, **2013**, 61, 417-24	8.5	43
201	Contribution of angiotensin-(1-7) to cardiovascular physiology and pathology. *Current Hypertension Reports*, **2003**, 5, 129-34	4.7	43
200	Blood pressure-independent attenuation of cardiac hypertrophy by AT(1)R-AS gene therapy. *Hypertension*, **2002**, 39, 969-75	8.5	43
199	Influence of gender and genetic variability on plasma angiotensin peptides. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2006**, 7, 92-7	3	42
198	Angiotensin II and angiotensin (1-7) excite neurons in the canine medulla in vitro. *Brain Research Bulletin*, **1990**, 24, 275-80	3.9	42
197	Cardiac kallikrein-kinin system is upregulated in chronic volume overload and mediates an inflammatory induced collagen loss. *PLoS ONE*, **2012**, 7, e40110	3.7	42
196	Nebivolol improves diastolic dysfunction and myocardial remodeling through reductions in oxidative stress in the transgenic (mRen2) rat. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 302, H2341-51	5.2	41
195	Pregnancy enhances the angiotensin (Ang)-(1-7) vasodilator response in mesenteric arteries and increases the renal concentration and urinary excretion of Ang-(1-7). *Endocrinology*, **2003**, 144, 3338-43	4.8	41
194	Angiotensin-(1-12) requires angiotensin converting enzyme and AT1 receptors for cardiovascular actions within the solitary tract nucleus. *American Journal of Physiology - Heart and Circulatory Physiology*, **2010**, 299, H763-71	5.2	40
193	Addressing the global cardiovascular risk of hypertension, dyslipidemia, and insulin resistance in the southeastern United States. *American Journal of the Medical Sciences*, **2005**, 329, 276-91	2.2	39
192	Characterization of the cardiac renin angiotensin system in oophorectomized and estrogen-replete mRen2.Lewis rats. *PLoS ONE*, **2013**, 8, e76992	3.7	38
191	Mineralocorticoid receptor antagonism attenuates glomerular filtration barrier remodeling in the transgenic Ren2 rat. *American Journal of Physiology - Renal Physiology*, **2009**, 296, F1013-22	4.3	36
190	Angiotensin II activation of mTOR results in tubulointerstitial fibrosis through loss of N-cadherin. *American Journal of Nephrology*, **2011**, 34, 115-25	4.6	36

189	Angiotensin-(1-7) immunoreactivity in the hypothalamus of the (mRen-2d)27 transgenic rat. *Brain Research*, **1998**, 798, 36-45	3.7	36
188	The hypertension-lipid connection: insights into the relation between angiotensin II and cholesterol in atherogenesis. *American Journal of the Medical Sciences*, **2002**, 323, 17-24	2.2	36
187	Using Angiotensin Converting Enzyme Inhibitors in African-American Hypertensives: A New Approach to Treating Hypertension and Preventing Target-Organ Damage. *Current Medical Research and Opinion*, **2000**, 16, 66-79	2.5	36
186	Characterization by high performance liquid chromatography of angiotensin peptides in the plasma and cerebrospinal fluid of the dog. *Peptides*, **1987**, 8, 939-42	3.8	36
185	Chronic immunoneutralization of brain angiotensin-(1-12) lowers blood pressure in transgenic (mRen2)27 hypertensive rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 297, R111-5	3.2	35
184	Effect of Age, Estrogen Status, and Late-Life GPER Activation on Cardiac Structure and Function in the Fischer344Brown Norway Female Rat. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2017**, 72, 152-162	6.4	34
183	Comparative effect of direct renin inhibition and AT1R blockade on glomerular filtration barrier injury in the transgenic Ren2 rat. *American Journal of Physiology - Renal Physiology*, **2010**, 298, F655-61	4.3	34
182	Salt-induced renal injury in spontaneously hypertensive rats: effects of nebivolol. *American Journal of Nephrology*, **2010**, 32, 557-66	4.6	34
181	Addressing the theoretical and clinical advantages of combination therapy with inhibitors of the renin-angiotensin-aldosterone system: antihypertensive effects and benefits beyond BP control. *Life Sciences*, **2010**, 86, 289-99	6.8	34
180	Characterization of angiotensin-(1-7) receptor subtype in mesenteric arteries. *Peptides*, **2003**, 24, 455-623.8		34
179	Renin-angiotensin system as a therapeutic target in managing atherosclerosis. *American Journal of Therapeutics*, **2004**, 11, 44-53	1	34
178	Pressor responses of angiotensin II microinjected into the dorsomedial medulla of the dog. *Brain Research*, **1987**, 414, 294-300	3.7	34
177	Chymase mediates injury and mitochondrial damage in cardiomyocytes during acute ischemia/reperfusion in the dog. *PLoS ONE*, **2014**, 9, e94732	3.7	34
176	Cardiomyocyte-specific deletion of the G protein-coupled estrogen receptor (GPER) leads to left ventricular dysfunction and adverse remodeling: A sex-specific gene profiling analysis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2017**, 1863, 1870-1882	6.9	33
175	Baroreceptor reflex regulation in anesthetized transgenic rats with low glia-derived angiotensinogen. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 292, H1412-9	5.2	33
174	Differential response of angiotensin peptides in the urine of hypertensive animals. *Regulatory Peptides*, **1999**, 80, 57-66		33
173	Primacy of cardiac chymase over angiotensin converting enzyme as an angiotensin-(1-12) metabolizing enzyme. *Biochemical and Biophysical Research Communications*, **2016**, 478, 559-64	3.4	33
172	Mineralocorticoid receptor antagonism attenuates vascular apoptosis and injury via rescuing protein kinase B activation. *Hypertension*, **2009**, 53, 158-65	8.5	32

171	Pathologic consequences of increased angiotensin II activity. *Cardiovascular Drugs and Therapy*, **1996**, 10, 511-8	3.9	32
170	Novel Cardiac Intracrine Mechanisms Based on Ang-(1-12)/Chymase Axis Require a Revision of Therapeutic Approaches in Human Heart Disease. *Current Hypertension Reports*, **2017**, 19, 16	4.7	31
169	Individualizing hypertension treatment with impedance cardiography: a meta-analysis of published trials. *Therapeutic Advances in Cardiovascular Disease*, **2010**, 4, 5-16	3.4	31
168	Differential actions of angiotensin-(1-7) in the kidney. *Kidney International*, **1998**, 68, S3-6	9.9	31
167	Angiotensin peptides modulate bradykinin levels in the interstitium of the dog heart in vivo. *Journal of Pharmacology and Experimental Therapeutics*, **2002**, 300, 324-9	4.7	30
166	NK1 receptor antagonist blocks angiotensin II responses in renin transgenic rat medulla oblongata. *Hypertension*, **1998**, 31, 473-9	8.5	30
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