Robert M Carey

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109 papers	12,433 citations	40 h-index	111 g-index
138 ext. papers	15,188 ext. citations	7.4 avg, IF	6.61 L-index

#	Paper	IF	Citations
109	2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. *Hypertension*, **2018**, 71, 1269-1324	8.5	1567
108	2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. *Hypertension*, **2018**, 71, 1269-1324	8.5	1505
107	The Management of Primary Aldosteronism: Case Detection, Diagnosis, and Treatment: An Endocrine Society Clinical Practice Guideline. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 1889-916	5.6	1240
106	Case detection, diagnosis, and treatment of patients with primary aldosteronism: an endocrine society clinical practice guideline. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 3266-81	5.6	1231
105	Resistant hypertension: diagnosis, evaluation, and treatment. A scientific statement from the American Heart Association Professional Education Committee of the Council for High Blood Pressure Research. *Hypertension*, **2008**, 51, 1403-19	8.5	1136
104	Newly recognized components of the renin-angiotensin system: potential roles in cardiovascular and renal regulation. *Endocrine Reviews*, **2003**, 24, 261-71	27.2	445
103	Potential US Population Impact of the 2017 ACC/AHA High Blood Pressure Guideline. *Circulation*, **2018**, 137, 109-118	16.7	392
102	Measurement of Blood Pressure in Humans: A Scientific Statement From the American Heart Association. *Hypertension*, **2019**, 73, e35-e66	8.5	365
101	Resistant Hypertension: Detection, Evaluation, and Management: A Scientific Statement From the American Heart Association. *Hypertension*, **2018**, 72, e53-e90	8.5	333
100	Role of the angiotensin type 2 receptor in the regulation of blood pressure and renal function. *Hypertension*, **2000**, 35, 155-63	8.5	320
99	2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. *Circulation*, **2018**, 138, e484-e594	16.7	242
98	Expression of the subtype 2 angiotensin (AT2) receptor protein in rat kidney. *Hypertension*, **1997**, 30, 1238-46	8.5	235
97	Potential U.S. Population Impact of the 2017 ACC/AHA High Blood Pressure Guideline. *Journal of the American College of Cardiology*, **2018**, 71, 109-118	15.1	206
96	Identification and characterization of a functional mitochondrial angiotensin system. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 14849-54	11.5	198
95	The intrarenal renin-angiotensin system and diabetic nephropathy. *Trends in Endocrinology and Metabolism*, **2003**, 14, 274-81	8.8	176
94	Cardiovascular and renal regulation by the angiotensin type 2 receptor: the AT2 receptor comes of age. *Hypertension*, **2005**, 45, 840-4	8.5	147
93	The Unrecognized Prevalence of Primary Aldosteronism: A Cross-sectional Study. *Annals of Internal Medicine*, **2020**, 173, 10-20	8	132

92	Prevention and Control of Hypertension: JACC Health Promotion Series. *Journal of the American College of Cardiology*, **2018**, 72, 1278-1293	15.1	128
91	Angiotensin type 2 receptor-mediated hypotension in angiotensin type-1 receptor-blocked rats. *Hypertension*, **2001**, 38, 1272-7	8.5	123
90	Theodore Cooper Lecture: Renal dopamine system: paracrine regulator of sodium homeostasis and blood pressure. *Hypertension*, **2001**, 38, 297-302	8.5	122
89	Renal angiotensin type 2 receptors mediate natriuresis via angiotensin III in the angiotensin II type 1 receptor-blocked rat. *Hypertension*, **2006**, 47, 537-44	8.5	118
88	Update on the role of the AT2 receptor. *Current Opinion in Nephrology and Hypertension*, **2005**, 14, 67-71	3.5	101
87	Conversion of renal angiotensin II to angiotensin III is critical for AT2 receptor-mediated natriuresis in rats. *Hypertension*, **2008**, 51, 460-5	8.5	90
86	AT receptor activation induces natriuresis and lowers blood pressure. *Circulation Research*, **2014**, 115, 388-99	15.7	86
85	Distribution of type-1 and type-2 angiotensin receptors in the normal human lung and in lungs from patients with chronic obstructive pulmonary disease. *Histochemistry and Cell Biology*, **2001**, 115, 117-24	2.4	74
84	Salt sensitivity of blood pressure is associated with polymorphisms in the sodium-bicarbonate cotransporter. *Hypertension*, **2012**, 60, 1359-66	8.5	71
83	Intrarenal aminopeptidase N inhibition augments natriuretic responses to angiotensin III in angiotensin type 1 receptor-blocked rats. *Hypertension*, **2007**, 49, 625-30	8.5	70
82	Prevalence of Apparent Treatment-Resistant Hypertension in the United States. *Hypertension*, **2019**, 73, 424-431	8.5	68
81	Intrarenal angiotensin III is the predominant agonist for proximal tubule angiotensin type 2 receptors. *Hypertension*, **2012**, 60, 387-95	8.5	67
80	Intrarenal dopamine D1-like receptor stimulation induces natriuresis via an angiotensin type-2 receptor mechanism. *Hypertension*, **2007**, 49, 155-61	8.5	59
79	The 2017 Clinical Practice Guideline for High Blood Pressure. *JAMA - Journal of the American Medical Association*, **2017**, 318, 2073-2074	27.4	54
78	Intrarenal angiotensin III infusion induces natriuresis and angiotensin type 2 receptor translocation in Wistar-Kyoto but not in spontaneously hypertensive rats. *Hypertension*, **2009**, 53, 338-43	8.5	53
77	Renal interstitial cGMP mediates natriuresis by direct tubule mechanism. *Hypertension*, **2001**, 38, 309-16	8.5	52
76	The intrarenal renin-angiotensin system in hypertension. *Advances in Chronic Kidney Disease*, **2015**, 22, 204-10	4.7	51
75	Urinary exosome miRNome analysis and its applications to salt sensitivity of blood pressure. *Clinical Biochemistry*, **2013**, 46, 1131-1134	3.5	51

74	The intrarenal renin-angiotensin and dopaminergic systems: control of renal sodium excretion and blood pressure. *Hypertension*, **2013**, 61, 673-80	8.5	49
73	Newly discovered components and actions of the renin-angiotensin system. *Hypertension*, **2013**, 62, 818-22	8.5	47
72	Mechanisms of dopamine D(1) and angiotensin type 2 receptor interaction in natriuresis. *Hypertension*, **2012**, 59, 437-45	8.5	43
71	AT2 Receptor Activation Prevents Sodium Retention and Reduces Blood Pressure in Angiotensin II-Dependent Hypertension. *Circulation Research*, **2016**, 119, 532-43	15.7	40
70	Production and role of extracellular guanosine cyclic 3Ş 5Smonophosphate in sodium uptake in human proximal tubule cells. *Hypertension*, **2004**, 43, 286-91	8.5	40
69	The 2017 American College of Cardiology/American Heart Association Clinical Practice Guideline for High Blood Pressure in Adults. *JAMA Cardiology*, **2018**, 3, 352-353	16.2	39
68	NO and cGMP mediate angiotensin AT2 receptor-induced renal renin inhibition in young rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 293, R1461-7	3.2	39
67	Dopamine and angiotensin type 2 receptors cooperatively inhibit sodium transport in human renal proximal tubule cells. *Hypertension*, **2012**, 60, 396-403	8.5	37
66	Spatial association of renin-containing cells and nerve fibers in developing rat kidney. *Pediatric Nephrology*, **1991**, 5, 690-5	3.2	37
65	Role of angiotensin AT(2) receptors in natriuresis: Intrarenal mechanisms and therapeutic potential. *Clinical and Experimental Pharmacology and Physiology*, **2013**, 40, 527-34	3	36
64	Renal interstitial guanosine cyclic 3Ş 5Smonophosphate mediates pressure-natriuresis via protein kinase G. *Hypertension*, **2004**, 43, 1133-9	8.5	36
63	The effects of ovine prolactin on water and electrolyte excretion in man are attributable to vasopressin contamination. *Journal of Clinical Endocrinology and Metabolism*, **1977**, 44, 850-8	5.6	35
62	AT2 Receptors: Potential Therapeutic Targets for Hypertension. *American Journal of Hypertension*, **2017**, 30, 339-347	2.3	35
61	Update: role of the angiotensin type-2 (AT(2)) receptor in blood pressure regulation. *Current Hypertension Reports*, **2000**, 2, 198-201	4.7	34
60	Update on angiotensin AT2 receptors. *Current Opinion in Nephrology and Hypertension*, **2017**, 26, 91-96	3.5	33
59	Renal effects of atrial natriuretic peptide infusion in young and adult rats. *Pediatric Research*, **1988**, 24, 333-7	3.2	30
58	Aldosterone and cardiovascular disease. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2010**, 17, 194-8	4	28
57	A Comparison of the 2017 American College of Cardiology/American Heart Association Blood Pressure Guideline and the 2017 American Diabetes Association Diabetes and Hypertension Position Statement for U.S. Adults With Diabetes. *Diabetes Care*, **2018**, 41, 2322-2329	14.6	26

56	Evolution of the Primary Aldosteronism Syndrome: Updating the Approach. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	25
55	Extracellular renal guanosine cyclic 3$5$Smonophosphate modulates nitric oxide and pressure-induced natriuresis. *Hypertension*, **2007**, 50, 958-63	8.5	23
54	Angiotensin type-2 receptors and cardiovascular function: are angiotensin type-2 receptors protective?. *Current Opinion in Cardiology*, **2005**, 20, 264-9	2.1	22
53	Blood Pressure and the Renal Actions of AT Receptors. *Current Hypertension Reports*, **2017**, 19, 21	4.7	20
52	A linear relationship between the ex-vivo sodium mediated expression of two sodium regulatory pathways as a surrogate marker of salt sensitivity of blood pressure in exfoliated human renal proximal tubule cells: the virtual renal biopsy. *Clinica Chimica Acta*, **2013**, 421, 236-42	6.2	20
51	The Dopamine D Receptor and Angiotensin II Type-2 Receptor are Required for Inhibition of Sodium Transport Through a Protein Phosphatase 2A Pathway. *Hypertension*, **2019**, 73, 1258-1265	8.5	17
50	Report of the National Heart, Lung, and Blood Institute Working Group on Hypertension: Barriers to Translation. *Hypertension*, **2020**, 75, 902-917	8.5	17
49	Implications of Recent Clinical Trials and Hypertension Guidelines on Stroke and Future Cerebrovascular Research. *Stroke*, **2018**, 49, 772-779	6.7	17
48	KCNK3 Variants Are Associated With Hyperaldosteronism and Hypertension. *Hypertension*, **2016**, 68, 356-64	8.5	17
47	Role of SRC family kinase in extracellular renal cyclic guanosine 3$5$Smonophosphate- and pressure-induced natriuresis. *Hypertension*, **2011**, 58, 107-13	8.5	17
46	Association of Blood Pressure Classification Using the 2017 American College of Cardiology/American Heart Association Blood Pressure Guideline With Risk of Heart Failure and Atrial Fibrillation. *Circulation*, **2021**, 143, 2244-2253	16.7	16
45	Circulating Extracellular Vesicles in Normotension Restrain Vasodilation in Resistance Arteries. *Hypertension*, **2020**, 75, 218-228	8.5	15
44	Primary aldosteronism. *Journal of Surgical Oncology*, **2012**, 106, 575-9	2.8	14
43	Novel expression and regulation of the renin-angiotensin system in metanephric organ culture. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2000**, 279, R522-30	3.2	14
42	The sodium-bicarbonate cotransporter NBCe2 (slc4a5) expressed in human renal proximal tubules shows increased apical expression under high-salt conditions. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2015**, 309, R1447-59	3.2	14
41	Defective Renal Angiotensin III and AT Receptor Signaling in Prehypertensive Spontaneously Hypertensive Rats. *Journal of the American Heart Association*, **2019**, 8, e012016	6	13
40	Renal Collectrin Protects against Salt-Sensitive Hypertension and Is Downregulated by Angiotensin II. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 1826-1837	12.7	12
39	Reprint of: Prevention and Control of Hypertension: JACC Health Promotion Series. *Journal of the American College of Cardiology*, **2018**, 72, 2996-3011	15.1	12

38	Direct Activation of Angiotensin II Type 2 Receptors Enhances Muscle Microvascular Perfusion, Oxygenation, and Insulin Delivery in Male Rats. *Endocrinology*, **2018**, 159, 685-695	4.8	11
37	Evidence for the Universal Blood Pressure Goal of . *Hypertension*, **2020**, 76, 1384-1390	8.5	10
36	Blood Pressure Management in Stroke. *Hypertension*, **2020**, 76, 1688-1695	8.5	9
35	Guideline-Driven Management of Hypertension: An Evidence-Based Update. *Circulation Research*, **2021**, 128, 827-846	15.7	8
34	Resistant Hypertension Management: Comparison of the 2017 American and 2018 European High Blood Pressure Guidelines. *Current Hypertension Reports*, **2019**, 21, 67	4.7	7
33	Identification of a Primary Renal AT Receptor Defect in Spontaneously Hypertensive Rats. *Circulation Research*, **2020**, 126, 644-659	15.7	6
32	Renal functional effects of the highly selective AT2R agonist, Pro7 Ang III, in normotensive rats. *Clinical Science*, **2020**, 134, 871-884	6.5	6
31	Overview of endocrine systems in primary hypertension. *Endocrinology and Metabolism Clinics of North America*, **2011**, 40, 265-77, vii	5.5	5
30	Quantifying Scientific Merit: Is it Time to Transform the Impact Factor?. *Circulation Research*, **2016**, 119, 1273-1275	15.7	5
29	Writing a Trustworthy Hypertension Guideline. *Journal of the American College of Cardiology*, **2019**, 74, 2424-2427	15.1	4
28	Adrenalectomy for Adrenal-mediated Hypertension: National Surgical Quality Improvement Program Analysis of an Institutional Experience. *American Surgeon*, **2014**, 80, 1152-1158	0.8	4
27	Primary Aldosteronism: Where Are We Now? Where to From Here?. *Hypertension*, **2022**, HYPERTENSIONAHA12218761	8.5	4
26	Paroxysmal Hypertension Associated With Presyncope. *Hypertension*, **2019**, 74, 718-725	8.5	3
25	Diagnosing and Managing Primary Aldosteronism in Hypertensive Patients: a Case-Based Approach. *Current Cardiology Reports*, **2016**, 18, 97	4.2	3
24	Primary aldosteronism. *Hormone Research in Paediatrics*, **2009**, 71 Suppl 1, 8-12	3.3	3
23	Role of angiotensin II in renal vasoconstriction with acute hypoxemia and hypercapnic acidosis in conscious dogs. *Renal Failure*, **1994**, 16, 229-42	2.9	3
22	New findings bearing on the prevention, detection and management of high blood pressure. *Current Opinion in Cardiology*, **2021**, 36, 429-435	2.1	3
21	Adrenal disease update 2011. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 3583-91	5.6	2

20	Should we employ combination ACEI and ARB therapy in primary hypertension?. *Current Hypertension Reports*, **2006**, 8, 101-2	4.7	2
19	Renal AT Receptors Mediate Natriuresis via Protein Phosphatase PP2A. *Circulation Research*, **2021**,	15.7	2
18	The Unrecognized Prevalence of Primary Aldosteronism. *Annals of Internal Medicine*, **2020**, 173, 683	8	2
17	Special Article - The management of resistant hypertension: A 2020 update. *Progress in Cardiovascular Diseases*, **2020**, 63, 662-670	8.5	2
16	Masked Uncontrolled Hypertension Is Accompanied by Increased Out-of-Clinic Aldosterone Secretion. *Hypertension*, **2021**, 77, 435-444	8.5	2
15	Angiotensin Type-2 Receptors: Transducers of Natriuresis in the Renal Proximal Tubule.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
14	Pathophysiology of Primary Hypertension **2008**, 794-895		1
13	2018 American Heart Association redefinition of resistant hypertension: Major adverse cardiovascular and renal events. *Journal of Clinical Hypertension*, **2020**, 22, 2103-2104	2.3	1
12	CONNed in Pregnancy. *Hypertension*, **2021**, 78, 241-249	8.5	1
11	Acute candesartan cilexetil therapy in stroke survivors. *Current Hypertension Reports*, **2004**, 6, 114-6	4.7	1
10	Cardiovascular Health and Transition From Controlled Blood Pressure to Apparent Treatment Resistant Hypertension: The Jackson Heart Study and the REGARDS Study. *Hypertension*, **2020**, 76, 1953-1961	8.5	0
9	Case of Episodic and Positional Hypertension: Diagnosis and Treatment. *Hypertension*, **2020**, 76, 614-621	8.5	0
8	Uncontrolled Hypertension in an Elderly Man on Multiple Antihypertensive Drugs. *Hypertension*, **2020**, 76, 1658-1663	8.5	0
7	First-Year Anniversary of the 2017 Hypertension Guideline. *Circulation*, **2018**, 138, 1774-1776	16.7	0
6	Epithelial Sodium Channel Alpha Subunit (ENaC) Is Associated with Inverse Salt Sensitivity of Blood Pressure. *Biomedicines*, **2022**, 10, 981	4.8	0
5	Angiotensin AT receptors: control of renal sodium excretion and blood pressure. *Advances in Experimental Medicine and Biology*, **2011**, 707, 115-6	3.6	
4	Phosphodiesterase type V: a novel therapeutic target for hypertension. *Current Hypertension Reports*, **2007**, 9, 119-20	4.7	
3	Extracellular vesicles from Wistar Kyoto and spontaneously hypertensive rats have differential vasodilatory responses in resistance arteries. *FASEB Journal*, **2019**, 33, 829.3	0.9	

2	Mineralocorticoid-receptor blockade in hypertensive patients during angiotensin-converting enzyme inhibition: effects on left ventricular mass. *Current Hypertension Reports*, **2004**, 6, 113-4	4.7
1	Rare Disease Leading to Hypertension.. *Hypertension*, **2022**, HYPERTENSIONAHA12218678	8.5